Report on the Quality of Marine Surface Observations

Report Number 30

July to December 2003

ORGS UKMO R Duplicate

National Meteorological Library
FitzRoy Road, Exeter, Devon. EX1 3PB

Met Office

REPORT ON THE QUALITY OF MARINE SURFACE OBSERVATIONS:

JULY TO DECEMBER 2003

Distribution list :

i) *External*

Director World Weather Watch, WMO, R. C. Landis
President CBS, Dr Stefan Mildner
Ex-President CBS, Dr A. A. Vasiliev
President CMM, Mr J. Guddal
Technical Co-ordinator DBCP, Mr E. Charpentier
European Centre for Medium-range Weather Forecasts (attn. Mr F. Lalaurette)
National Centers for Environmental Prediction (attn. Mr B. Ballish)
Japanese Meteorological Agency (attn. Dr N. Sato)
Japanese Meteorological Agency (attn. Mr Yukinari Ohta)
Royal Netherlands Meteorological Institute [KNMI] (attn. Mr R. Rozeboom)
Deutscher Wetterdienst (attn. Mr V. Gärtner)
Deutscher Wetterdienst (attn. Mr B. Richter)
Bibliothek des Deutschen Wetterdienstes
Canadian Meteorological Centre (attn. Mr G. Verner)
Meteo-France (attn. Mr B. Lacroix)

ii) *Internal*

Head of Observations Voluntary, Mr S Hopkins
National Meteorological Library
Manager of the National Meteorological Centre, Mr N. Reed
Manager of Observation Monitoring, Dr D. Richardson
Observation Monitoring Team Member, Mr G. Dow
Quality Evaluation Team Leader, Mrs M. I. Holmes

For further information on or copies of this report, please contact:

Manager of Observation Monitoring,
Discovery 2,
The Met Office,
Emperor Way,
Exeter,
Devon,
EX1 3PB
United Kingdom.

E-mail:david.s.richardson@metoffice.com

REPORT ON THE QUALITY OF MARINE SURFACE OBSERVATIONS:

JULY TO DECEMBER 2003

CONTENTS

1. Introduction

2. Monitoring methods

3. Monitoring results:

   3.1 *Pressure*

   3.2 *Wind*

   3.3 *Sea-surface temperature*

4. Summary

REPORT ON THE QUALITY OF MARINE SURFACE OBSERVATIONS:

JULY TO DECEMBER 2003

LIST OF TABLES

1. Frequency distribution of the number of observations of pressure, wind and SST.

2. Number of observations of pressure for past six-month periods.

3. Platforms reporting suspect pressure observations:

   3a *Stations reporting in DRIFTR code.*

   3b *Stations reporting in SHIP code.*

4. Platforms reporting in SHIP code, not listed in table 3 but listed as suspect in the previous six-month period.

5. Platforms reporting suspect wind speed observations:

   5a *Stations reporting in DRIFTR code.*

   5b *Stations reporting in SHIP code.*

6. Platforms reporting in SHIP code,not listed in table 5 but listed as suspect in the previous six-month period.

7. Platforms reporting suspect wind direction observations:

   7a *Stations reporting in DRIFTR code.*

   7b *Stations reporting in SHIP code.*

8. Platforms reporting in SHIP code, not listed in table 7 but listed as suspect in the previous six-month period.

9. Platforms reporting suspect sea surface temperature:

   9a *Stations reporting in DRIFTR code.*

   9b *Stations reporting in SHIP code.*

10. Platforms reporting in SHIP code, not listed in table 9 but listed as suspect in the previous six-month period.

LIST OF FIGURES

1. Number of observations of pressure for past six-month periods.

2a Distribution of O-B SHIP pressure differences, all observations.

2b Distribution of O-B SHIP pressure differences, flagged observations only.

2c Distribution of O-B SHIP pressure differences, unflagged observations only.

2d-f As 2a-c but for wind speed.

2g-I As 2a-c but for wind direction.

2j-l As 2a-c but for SST.

3. Geographical distribution of bias of SHIP pressure.

4. Geographical distribution of standard deviation of SHIP pressure.

5. Geographical distribution of the number of SHIP pressure observations.

6-8 As figures 3-5 but for wind speed.

9-11 As figures 3-5 but for wind direction.

12-14 As figures 3-5 but for SST.

REPORT ON THE QUALITY OF MARINE SURFACE OBSERVATIONS:

JULY TO DECEMBER 2003

1. INTRODUCTION

In 1985, the Commission for Basic Systems (CBS) agreed that there was a need for GDPS / Global NWP centres to monitor the quality of observations available on the GTS and to exchange monthly lists of stations providing seemingly erroneous data. In 1988 three lead centres were nominated which would have a co-ordinating role of producing, at six-monthly intervals, consolidated lists of suspect stations for given data types together with information on the nature of the error. The Met Office was allocated the role as lead centre for marine surface observations which encompass observations from ships, drifting buoys, moored buoys and other fixed marine platforms. This is the thirtieth of its reports and covers the period July to December 2003. For each observing platform identified as suspect, values are supplied for the number of observations received at the Met Office, the number of these observations with gross errors, the observations' mean differences from the background values used by the numerical data assimilation system and the standard deviations of these differences.

Following the CBS recommendations, by the end of the 1980s there were four centres active in the monthly exchange of monitoring information; The Met Office, ECMWF, RSMC Tokyo and NCEP. Since then, a number of other centres have also begun to exchange this information and these reports have included data provided by Météo-France as of report number 23. Initially, the only monitoring information exchanged on marine surface observations related to pressure, and the first two WMO reports addressed that parameter alone. Since then, these reports have contained monitoring statistics for wind observations, now being exchanged between centres on a consistent monthly basis. In addition, the report contains monitoring results for sea-surface temperature (SST). Due to changes in the observation processing system and database structure, there was no monitoring of SST data at the Met Office from May 1998 to September 2000. The SST information presented in reports 20 to 23 was therefore compiled, with permission, from the monthly NCEP monitoring data and so is not directly comparable with that presented in other reports. SST monitoring was reinstated at the Met Office from October 2000.

2. MONITORING METHODS

Errors in observations may arise from a number of sources: the instrument may be malfunctioning, figures may be mistaken while being transferred manually, or there may be corruption of data during transmission. Errors can also arise in the pressure report if the adjustment to sea level is made incorrectly or not at all, and a poorly sighted anemometer can result in errors in the observations of wind. For SST observations, the depth at which the observation is made can be crucial. 'Surface' observations from buoys are usually made at a depth of around 0.5m, whereas ships may take a measurement between a depth of 10m and the surface, depending on the method used. At present, there is no indication given within the report of the observation's depth, so it is not possible to determine the significance of this factor. (By contrast, satellites measure the temperature of the ocean's 'skin' which is generally slightly cooler than the temperature immediately beneath, by several tenths of a °C, as a result of evaporative cooling and other surface processes.)

Some errors can be detected by applying checks on the code format and the internal consistency of the report (for example: are the position and pressure consistent with a report 6 hours earlier?). Checks on spatial consistency are possible if there are other nearby observations. However, such quality checks are unable to identify errors on all occasions and it is recognised that the numerical data assimilation systems in use today can provide global reference values applicable in observation monitoring. The short-term forecast from the previous numerical analysis, commonly known as the first-guess or background field, provides perhaps the most useful information on observation quality, as it represents an accurate and spatially consistent estimate of the observed value which is independent of the observation itself. Observation-minus-background (hereafter referred to as O-B) differences are at the core of all monitoring work by GDPS centres. Unlike wind and pressure, SST monitoring at the Met Office used to be performed against the analysis field, this being judged a sufficiently good approximation due to the slowly varying nature of SST, relative to parameters measured above the surface. As of October 2000, background values have been used but with the slowly varying nature of SST used to assume persistence, such that the background is in fact the previous analysis. (These analyses are performed daily at the Met Office from an assimilation of both surface and satellite observations.) Thus the SST monitoring at the Met Office is no longer limited by a dependence upon the observations themselves.

Taking all marine surface observations together, the values of O-B have distinct characteristics. The vast majority of the observations show quite small departures from background and the distribution of O-B is nearly Gaussian, with little or no bias. The errors in the background field probably contribute most to the values of O-B for these observations. There is often, however, a smaller group of observations departing much more from the background, for which observation error is the only reasonable explanation for the large values of O-B. Studies of the distribution and variation of O-B at different points around the globe enable reasonably accurate estimation of background error, and this provides the basis for the monitoring methods described here. Those marine observing platforms for which, in a sufficiently large sample, the observed values differ from the background by an amount significantly in excess of the estimate of background error, may be labelled as suspect with a high degree of confidence. The limits used here to identify suspect observing platforms have been set sufficiently stringent to preclude much likelihood of the background, rather than the observations, being in error.

Each monitoring centre produces a monthly list of the identifiers of marine observing platforms considered suspect according to the departure from the model background values. All observations, both synoptic and asynoptic, are assimilated. At the Met Office (as of May 2000) and ECMWF, the background fields are interpolated to the observation time whereas Météo-France, Tokyo and Washington, use the background value valid at the nearest main synoptic hour.

Given that the number of observations made during the month is at least 20, then the condition used by all centres for obtaining platforms for the suspect lists is that at least one of the following criteria are satisfied:

Pressure

1. the | mean of O-B |	≥4.0 hPa
2. the standard deviation of O-B	≥6.0 hPa
3. the percentage of gross errors	≥25

Wind

1. the | mean of O-B |	$\geq 5.0 ms^{-1}$	(Speed)
	≥30°	(Direction)
2. the standard deviation of O-B	≥80°	(Direction)
3. the percentage of gross errors	≥25	

Gross errors are defined as observations that depart from the background by more than 15hPa (Pressure) or $25ms^{-1}$ (Vector Wind). The mean and standard deviation of the samples are evaluated excluding gross errors and in this way occasional 'wild' values resulting from, for example, corruption during transmission, do not influence the sample characteristics. Direction statistics are also calculated excluding values in light winds, where either the observed or background speeds are less than $5ms^{-1}$.

Relatively little information is exchanged between centres on a regular monthly basis for SST.

The monthly results for pressure from all five monitoring centres show considerable agreement, both on the observing platforms listed as suspect and the values of the mean and rms difference from each centre's background. Differences between the monthly suspect lists are usually due to the different numbers of observations available at each centre. The cut-off varies between 6 and 24 hours. There are also some unexplained variations in the data receipt between the centres, which may be due to problems in the GTS or in the local procedures for handling the data. Monitoring results for wind speed also show reasonable agreement on the mean and standard deviation from each centre's background; there is less agreement as to which platforms are listed, reflecting the greater uncertainty when monitoring wind speed.

This report draws together all the monthly monitoring results exchanged on marine surface data and identifies a list of observing platforms that have provided observations of poor quality over the 6-month period. In drawing up this list, there have been a number of guiding principles:

1. As with the monthly lists, accuracy is assessed relative to background values.
2. Observing platforms are listed only where there is a very high degree of confidence that the observations rather than the background values are in error.
3. At least 40 reports are required over the period in which the observations are considered suspect.
4. The perceived accuracy over the last part of the six-month period is of greatest importance; observing platforms are not listed if there has been recent improvement and their reports are at present without major error.
5. Given that the number of observations made during the period is greater than or equal to 40, then the condition for listing a platform as suspect in this report is that at least one of the following criteria are satisfied:

Pressure

1. the | mean of O-B |	≥3.5 hPa
2. the standard deviation of O-B	≥5.0 hPa
3. the percentage of gross errors	≥25

Wind

1. the | mean of O-B |	≥5.0ms^{-1}	(Speed)
	≥30°	(Direction)
2. the standard deviation of O-B	≥6.0ms^{-1}	(Speed)
	≥60°	(Direction)
3. the percentage of gross errors	≥25	

SST

1. the | mean of O-B |	≥3.0 °C
2. the standard deviation of O-B	≥5.0 °C
3. the percentage of gross errors	≥25

All observations having gross errors are excluded from the calculation of the mean and standard deviation of O-B. The same gross error limits apply in these reports as in the monthly lists. The Met Office now sets a limit of 10°C for SST but this was previously 5°C and NCEP use 15°C. Also, criteria previously used in these reports were based on O-A statistics. Data presented here is, then, not directly comparable with that in earlier reports.

The limits on the bias and standard deviation O-B are more stringent than those for the monthly lists because the sample sizes are larger. If there has been a recent change in quality, they are only applied at the end of the period. Identifiers can be listed in this report without appearing on any of the monthly lists. This is can be due to a representative sample only being obtained over several months or deterioration occurring at the end of the period for platforms reporting very frequently. The 6-month list is longer than most of the monthly lists because many ships cease reporting for variable periods of time, in many cases while they are in port or out of service. Only over a relatively long period, probably more than 6 months, is a representative sample obtained from all those ships providing observations.

3. MONITORING RESULTS

The monitoring results presented in this report relate only to data exchanged over the GTS. Observations from marine platforms are transmitted in one of two formats: the SHIP code, used for most observations from ships, moored buoys and other fixed platforms, and the BUOY code, used mostly for observations from drifting buoys. In this report, the term "ship observations" refers to those received in the SHIP code and the "drifting buoy observations" to those received in BUOY code. The SHIP code indicates whether the observation was made manually or by an automatic system and accordingly the sub-divisions "manual ship" and "automatic ship" will be defined.

3.1 Pressure

In the six-month period, July to December 2003, 2234524 observations of pressure were monitored at Bracknell from 3394 manual ships, 530 drifting buoys, and 401 automatic ships. The number of reports received from individual ships varies greatly as Table 1 demonstrates; apparently, a large percentage only report once. The reason for this is unclear but it may be a result of errors in the part of the message giving the ship identifier. A comparison with the corresponding table in report number 29 shows only a slight decrease in the total number of identifiers, with the drop in manual ship identifiers being offset by increased numbers of drifting buoys & automatic ship identifiers. Since most marine observations are located in the northern hemisphere, there is inevitably some seasonal variation in the number of vessels reporting, especially in the case of buoys, since new or replacement buoys are generally deployed in better weather conditions. Considering the general trends over previous reports, however, Figure 1 shows a further rise in the total number of observations, which is presumably related to the continuing increase of automated identifiers .

Table 2 shows the number of observations of pressure that have been received over the GTS at the Met Office and processed, over past 6-month periods. Due to changes in data storage methods in May 1991, report number 5 covered the period January to May 1991 only, thence figures for January to June 1991 have been scaled-up in order to make a fair comparison with other 6-month periods; this may not be entirely accurate. Further changes in November 1993 for drifting buoys and automatic ships for pressure and winds, may have allowed duplication of a few identifiers in totals for the period June to December 1993, as reclassification from one observation type to another occurred. The observation distribution shown in Table 2 will also have been affected in the long term with a slight shift towards drifting buoys; no duplication of observations occurred however. (SST observations were not affected by the November 1993 change.) The period January to June 1998 is also based on only 5 months data (February-June), but the numbers of observations received have been scaled up, as in the 1991 case.

Figure 1 shows the information presented in Table 2 more clearly. It can be seen that the total number of observations remained fairly steady with only minor fluctuations until report number 11 (January-June 1994). Since that time however, there has been a steady increase in the total, with the number of observations of pressure nearly doubling between reports 11 and 16 (July-December 1996), a period of just 2.5 years. This increase was due to the larger number of reports from each drifting buoy, as reliability has improved; many drifting buoys now make several thousand observations of pressure during a 6-month period. The number of reports from drifting buoys now exceeds those for manual ships by around 138 %, with just over 50 % of all marine pressure observations now being made by drifting buoys. The sudden increase seen in the number of automatic ships in report number 19 (January-June 1998) was due to observation processing changes at the Met Office, whereby all reports from 'automatic ships' are processed, rather than only one report per 6-hour assimilation period, as previously. Since then there has been a steady increasing trend in the total number of pressure reports.

A histogram of O-B differences for all ship pressure reports in the period July to December 2003 is shown in Figure 2a, together with the Gaussian distribution with the same mean and standard deviation. Although almost all values fall within the range +5 to -5 hPa, a small number of much larger values, presumably resulting from erroneous observations, contribute to the large standard deviation of the population. The distribution for all those observations which fail the automatic quality-control checks is broad (Figure 2b). The remaining 93.8 % of the observations, that pass the quality checks, show a distribution of O-B which is very close to Gaussian (Figure 2c) with mean -0.1 hPa and standard deviation 1.3 hPa. The principal contribution to the standard deviation is assumed to be from background errors.

A global estimate of the background error, such as that provided above, can conceal large spatial variations. Background values will be more accurate in data-rich areas (e.g.: in the North Sea or Mediterranean) or where the meteorological variability is low (e.g.: the tropics). The geographical distributions of the mean and standard deviation of the values of O-B from all ship observations which pass the quality-control checks, have been calculated for 10-degree latitude-longitude boxes and are plotted in Figures 3 and 4. In most areas, the magnitude of the mean is less than 1.0 hPa, the exceptions being generally where the sample size is small. The standard deviation is generally around 1.5 hPa. The number of ship pressure reports accepted by the model quality control in each 10-degree box is shown in Figure 5.

Table 3 contains a list of those ships and drifting buoys considered to have produced suspect observations of pressure in the period July to December 2003. Values over the six-month period are given for the number of observations of pressure available for Met Office global model runs, the number of observations differing from the model background value by more than 15 hPa (gross errors), and the mean and standard deviation of the model O-B. The number of times the identifier has appeared on the monthly suspect lists from the five monitoring centres is also given. In order to give a detailed picture of the frequency of reporting and any changes in the observation accuracy, 6-month time-series of O-B differences are given at the end of the report for each of the identifiers listed.

An interesting characteristic of the errors identified here, which soon becomes obvious on inspection of the time-series charts at the end of this report, is that most can be attributed to a bias in the observed pressure. In many cases, the bias is constant over the whole monitoring period; although some values depart greatly from the sample mean, presumably due to some gross error in the observation, these are generally isolated instances. In only a few cases are there regular large random departures from background. Those observing platforms listed in Table 3 which appeared in report number 29 (January to June 2003) have been indicated with an asterisk. A comparison of the statistics given here with those in the report number 28 (July to December 2002), clearly indicates that the bias in the pressure observations from a few ships has hardly changed for more than a year.

Statistics for those marine observing platforms listed in report number 29 and which do not appear in Table 3b, are given in Table 4 along with comments on the quality of their pressure observations. Time-series charts of the pressure observations from these platforms are not given. Less than 40 reports were received in the 6-month period for many of the ships on this list. Approximately 46 % of them, however, do show some improvement in the quality of their observations.

3.2 Wind

Monitoring observations of wind is more problematical than pressure. On most observing platforms, wind is measured using anemometers; the reported speed depends upon the averaging period and instrument height above sea level, which varies a great deal between platforms. Since large structures distort wind flow, the anemometer position relative to the wind bearing and platform structure does affect the measurement. (These factors do not apply to those ship observations where wind speed is based on visual estimates of the sea state e.g. the UK VOF fleet.)

In these monitoring results, the background winds are valid at a height of 10 metres above mean sea level; slightly lower than the average height of ship anemometers. Where anemometer height is much different from 10 metres, a significant O-B speed bias may be evident. Examples of this are, observations from oil rigs or tankers with anemometer heights of 50m or more (although the speeds reported by some rigs are now adjusted on board to be nominal 10m values) and buoys, where the anemometer can be as low as 2m.

In the period July to December 2003, 1269102 wind observations were available for monitoring at Bracknell, from 3459 manual ships, 131 drifting buoys, and 460 automatic ships. (More detail is given in Table 1.) The number of reported manual ship identifiers has continued to drop, although this was partly offset by smaller increases in the numbers of drifting buoys and automatic ships. As stated for pressure observations, the large increase in the number of monitored wind observations, seen in report number nineteen, was largely due to the inclusion of all 'automatic ship' data, not just one report in each six hour period.

Histograms of O-B differences for ship observations of wind speed are presented in Figures 2d, 2e and 2f and of wind direction in Figures 2g, 2h and 2i. As with observations of pressure, those wind observations that fail the quality-control checks differ most from background, some by as much as 50 ms^{-1}, and they make a large contribution to the variance of O-B. The distributions of O-B wind speed and direction for the remaining 93 % of the observations are nearly Gaussian. There is a speed bias of 1.1 ms^{-1} relative to background, with a direction bias of just -1.5°.

Figures 6 and 7 show the geographical distributions over the six-month period of the mean and standard deviation of O-B for ship observations of wind speed that pass the quality-control checks. The numbers of wind reports used to generate these statistics are presented in Figure 8. The standard deviation of O-B wind speed is typically 2.5 to 4 ms^{-1} in middle latitudes and 2 to 3 ms^{-1} in the tropics. The bias is generally around +1 ms^{-1}, but exceeds +2 ms^{-1} in a few places. Similar distributions of the mean and standard deviation of O-B wind direction are shown in Figures 9 and 10. Only reports where both the observed and background wind speeds are greater than 5ms^{-1} were used to obtain these values. The magnitude of the bias is less than 10 degrees in most places. The standard deviation is generally between 20 and 30 degrees globally but in some data-sparse areas, it is as large as 40 or 50 degrees. The numbers of reports of wind direction used to generate these statistics are presented in Figure 11.

Figures 6-11 provide reference values against which to compare the O-B characteristics for different marine observing platforms. Table 5 contains a list of those ships and drifting buoys considered to have produced suspect observations of wind speed in the period July to December 2003, and in Table 7 a similar list is provided for wind direction. Values are given for the number of observations of wind received at the Met Office, the number of observations having a vector difference from background of more than 25ms^{-1} (gross errors), and the mean and standard deviation of O-B. Time-series of O-B are given at the end of the report for each listed identifier. In the majority of the cases of suspect speed observations, a constant bias is clearly evident. Errors in observations of direction are more random in nature. Tables 6 and 8 contain statistics for platforms reporting in ship code which are not included in Tables 5 and 7 but that

were listed in the previous report, for wind speed and direction respectively. Time-series plots for these identifiers are not included in this report.

3.3 Sea-surface temperature

In the six-month period July to December 2003, a total of 2696597 observations of SST were monitored at the Met Office, from 2921 manual ships, 1137 drifting buoys and 353 automatic ships. Of the total, 382645 were from manual ships, 1749901 from drifting buoys and 564051 from automatic ships. (More detail is given in Table 1.) For the same reasons as stated for pressure observations, it appears that many identifiers report only once during the six-month period. A similar trend is observed for SST identifiers to that for the pressure and wind identifiers, namely a drop in manual ship numbers which is partially compensated by an increase in the number of drifting buoys and automatic ships, with the automated platforms contributing a disproportionately large percentage of the total number of SST observations received. This is due to the frequency of buoy observations; hourly in many cases, with ships tending to report only at the main synoptic hours.

Histograms of O-B differences for all ship SST reports are shown in Figures 2j, 2k and 2l. As with observations of pressure and wind, those SST observations that fail the quality-control checks differ most from background and make a large contribution to the variance of O-B. The distribution of O-B SST for the remaining 87% of the observations is nearly Gaussian. There is a bias of 0.1 °C relative to background.

Figures 12 and 13 show the geographical distributions over the three-month period of the mean and standard deviation of O-B for ship observations that pass the quality control checks. The numbers of reports used to generate these statistics are presented in Figure 14. The bias is generally around 0.5°C and the standard deviation 1 to 2°C. Particular exceptions to this tend to show up where the number of observations is relatively low.

Table 9 contains a list of the ships and drifting buoys considered to have produced suspect observations over the 6-month period. The comments given in each case provide an indication of the main reason for the station to be listed as suspect; time-series charts have also been plotted for SST and are included at the end of the report. The majority of the identifiers appearing on the list do so because of bias. Table 10 gives details of the performance over the latest 6-month period of ships which were considered suspect in the previous period but which do not appear in Table 9.

4. SUMMARY

133 marine observing platforms are listed as producing suspect observations of pressure over the period July to December 2003, 130 as producing suspect wind observations and 152 as producing suspect SST observations. The first report issued by RSMC Bracknell, for the period January to June 1989, listed 150 marine platforms producing suspect observations of pressure. With the selection criteria remaining unchanged, an initial reduction in the number of platforms listed as suspect was followed by a series of reports listing similar numbers of suspects with the latest report (30) broadly following this trend, showing a small increase in pressure and SST suspects and a slight decrease in wind suspects when compared to the previous report (29). When considered alongside the fluctuations in numbers of platforms reporting and observations monitored, this trend does not, it seems, represent decreasing observation quality. Over the same period, there have been increasing numbers of wind observing platforms listed as suspect, although this also appears not to be a worrying trend.

The most common characteristic in the case of identifiers listed as producing suspect pressure observations is bias in the reported pressure, sometimes remaining constant for many months. In the case of wind suspects, the most common reason for listing a platform is a bias in the reported wind speed, while a few show large standard deviations or biases in wind direction. For sea-surface temperature observations, bias is again the most common cause of error.

The selection criteria have been set sufficiently stringent to ensure that the platforms listed are only those for which there is a high degree of confidence in their reports having errors. There are many others, not listed here, for which there must be considerable doubt over the quality of the observations. A wider range of monitoring results is available from the Met Office on request.

TABLE 1: FREQUENCY DISTRIBUTION OF THE NUMBER OF REPORTS OF PRESSURE, WIND AND SEA SURFACE TEMPERATURE FROM INDIVIDUAL IDENTIFIERS AVAILABLE FOR MONITORING AT BRACKNELL, JULY TO DECEMBER 2003.

Number of reports	Number of manual ships reporting			Number of drifting buoys reporting			Number of automatic ships reporting		
	Press.	Wind	SST*	Press.	Wind	SST*	Press.	Wind	SST*
1	667	689	556	31	31	10	64	68	32
2-10	456	465	397	15	10	12	21	22	6
11-20	177	181	177	6	3	15	6	5	3
21-40	292	301	253	9	4	13	15	15	6
41-100	565	579	541	13	3	34	26	33	23
101-200	619	625	514	10	1	48	20	21	17
201-500	490	496	376	45	12	190	36	48	44
501-1000	64	64	53	56	4	164	30	62	56
1001-1500	27	29	21	56	10	138	34	32	28
1500+	37	30	33	289	53	513	149	154	138
Total	3394	3459	2921	530	131	1137	401	460	353
(Report 29)	(3571)	(3697)	(3225)	(477)	(113)	(953)	(291)	(350)	(310)

* numbers are for automatic (fixed) buoys only

TABLE 2: NUMBER OF OBSERVATIONS OF PRESSURE RECEIVED AT BRACKNELL ON THE GTS FOR EACH OF THE SIX-MONTH PERIODS COVERED BY THE WMO REPORTS ON THE QUALITY OF MARINE OBSERVATIONS.

Period	WMO report number	Number of Observations			
		Manual ships	Drifting buoys	Automatic ships	Total
Jan - Jun 1989	1	424087	174971	40082	639140
Jul - Dec 1989	2	421315	151972	58016	631303
Jan - Jun 1990	3	424335	177927	63847	666109
Jul - Dec 1990	4	412430	205488	71146	689064
Jan - Jun 1991	5	364760	177069	64401	606230
Jul - Dec 1991	6	348710	148604	68456	565770
Jan - Jun 1992	7	332443	216872	73893	623208
Jul - Dec 1992	8	336958	247873	80862	665693
Jan - Jun 1993	9	340293	288208	77317	705818
Jul - Dec 1993	10	348082	316261	88650	752993
Jan - Jun 1994	11	334134	279963	111928	726025
Jul - Dec 1994	12	383760	305618	142468	831846
Jan - Jun 1995	13	369781	407111	124537	901429
Jul - Dec 1995	14	394016	528938	138653	1061607
Jan - Jun 1996	15	430162	566035	122909	1119106
Jul - Dec 1996	16	477928	621869	133221	1233018
Jan - Jun 1997	17	446530	623835	122178	1192543
Jul - Dec 1997	18	453399	684292	140227	1277918
Jan - Jun 1998	19	426622	700743	423217	1550582
Jul - Dec 1998	20	443548	700239	497313	1641100
Jan - Jun 1999	21	432506	697983	466311	1596800
Jul - Dec 1999	22	448996	771624	500070	1720690
Jan - Jun 2000	23	443023	772510	455799	1671332
Jul - Dec 2000	24	477828	829588	512338	1819754
Jan - Jun 2001	25	458345	784686	465887	1708918
Jul - Dec 2001	26	473887	914744	554002	1942633
Jan - Jun 2002	27	443876	1111699	517200	2072775
Jul - Dec 2002	28	544433	952313	595959	2092705
Jan - Jun 2003	29	432672	994877	506185	1933734
Jul - Dec 2003	30	473591	1128039	605241	2206871

TABLE 3: LIST OF MARINE OBSERVING PLATFORMS REPORTING SUSPECT PRESSURE OBSERVATIONS OVER THE PERIOD JULY TO DECEMBER 2003.

Column 1 Call sign or identifier.
Column 2 Number of pressure observations available for monitoring over the 6-month period, excluding duplicates, but including any observations with gross errors.
Column 3 Number of pressure observations differing by more than 15 hPa from background (gross error).
Column 4 Standard deviation of observation-minus-background differences excluding cases of gross error.
Column 5 Mean of observation-minus-background differences (bias) excluding cases of gross error.
Columns 6-10 Number of times observing platform has appeared on suspect lists. B=Bracknell, E=ECMWF, F=MétéoFrance, T=Tokyo, W=Washington.
Column 11 Comments on quality of pressure observations.

Notes:
1. Units are hPa.
2. Observing platforms marked with an asterisk were listed in the previous report January to June 2003)

Table 3a: Platforms reporting in BUOY code

*i): Platforms **non-operational** at the end of the reporting period*

Identifier	N Obs.	NGE	SD	Bias	B	E	F	T	W	Comments
14909	1485	31	2.6	2.1	1	1	1	1	0	Bias at end of report
16559	901	233	2.7	2.1	1	1	1	0	1	GE at end of report
16570	1254	104	2.9	1.0	0	0	0	0	0	GE at end of report
16574	253	8	4.1	1.8	0	0	0	0	0	Bias and GE at end of report
17510	2305	16	1.7	-1.3	0	0	0	0	0	Bias at end of report
17524	271	76	4.5	6.1	1	1	1	1	0	Bias and GE
17567	1409	175	4.8	0.1	1	1	0	1	1	Bias and GE
17653	265	0	1.1	-6.2	2	2	2	2	0	Bias
21906	324	26	0.9	0.5	1	1	1	0	1	GE at end of report
21907	413	91	0.5	0.0	1	1	1	0	1	GE at end of report
21908	1336	33	1.0	-1.8	0	0	0	0	0	GE at end of report
21909	387	21	0.7	-0.8	1	1	1	0	1	GE at end of report
21910	489	17	0.7	-0.5	0	0	0	0	0	GE at end of report
23505	736	138	5.4	-3.9	1	1	1	1	2	Bias, SD and GE at end of report
23597	1133	8	2.3	0.8	1	1	1	1	0	Bias at end of report
23600	96	78	3.5	7.4	1	1	1	1	1	GE at end of report
23928	2000	27	1.2	-1.4	0	0	0	0	0	GE at end of report
33516	2498	18	0.5	-0.1	0	0	0	0	0	GE at end of report
33600	3173	40	3.4	3.3	2	2	0	0	0	Bias at end of report
33611	1725	93	3.7	-0.8	0	0	0	0	0	Bias and SD at end of report

Continued →

Identifier	N Obs.	NGE	SD	Bias	B	E	F	T	W	Comments
33614	423	105	5.5	-2.4	0	1	0	1	1	Bias, SD and GE at end of report
33630	2378	196	3.9	0.2	1	1	0	1	0	SD and GE at end of report
33651	1353	124	3.6	-0.8	0	0	0	0	0	SD and GE at end of report
41502	4598	27	1.4	1.1	0	1	0	0	0	SD and GE at end of report
41505	515	0	0.5	-9.4	1	1	1	1	1	Bias at end of report
41643	654	654	---	---	1	1	1	0	1	GE
41649	672	0	0.4	-5.3	2	2	2	1	2	Bias at end of report
41651	542	542	---	---	1	1	1	0	1	GE
42564	61	61	---	---	1	1	1	0	0	GE
42565	141	140	0.0	0.6	2	2	2	1	0	GE
42567	161	161	---	---	2	2	2	0	0	GE
44615	2878	1	1.1	-0.4	0	0	0	0	0	Bias and SD
44741	1007	93	1.4	0.4	1	1	1	1	1	Bias and GE at end of report
46512	126	126	---	---	2	2	2	0	1	GE
46707	127	5	6.3	1.3	1	1	0	0	1	Bias and SD
46780	1412	17	0.9	0.0	0	0	0	0	0	GE at end of report
48585	865	245	7.3	-0.5	3	3	3	2	2	Bias, SD and GE
48589	284	0	2.7	1.0	0	0	0	0	0	Bias at end of report
53561	3754	34	1.5	-0.1	0	0	0	0	0	SD at end of report
55609	880	192	1.4	0.4	1	1	1	1	1	GE at end of report
55612	3153	47	3.0	2.2	0	0	0	0	0	Bias and GE
56523	891	59	2.6	0.6	0	0	0	1	0	GE at end of report
56530	3176	149	0.7	0.7	1	1	1	1	0	GE at end of report
56537	200	149	2.5	10.9	1	1	1	1	1	Bias and GE
56556	84	6	3.7	5.7	1	1	1	0	0	Bias and GE
61524	2647	2	1.1	-0.5	1	1	1	0	0	Bias at end of report
61525	1393	32	3.0	0.2	1	1	0	1	0	Bias and GE at end of report
61668	2181	211	1.5	-1.0	1	1	1	1	0	GE at end of report
61672	1536	45	1.4	1.0	1	1	1	1	0	SD and GE at end of report
61675	786	69	1.7	1.4	0	0	0	0	0	Bias and GE at end of report
62554	3098	34	1.9	0.6	0	0	0	0	0	Bias and GE at end of report
62802	2949	85	1.6	-0.5	1	1	1	0	0	Bias and GE at end of report
64607	255	50	0.8	0.3	0	0	0	0	0	GE
71607	3479	107	2.9	0.1	0	0	0	0	0	SD at end of report
73651	1007	21	3.8	3.2	0	1	0	0	0	Bias and SD

*ii): Platforms **operational** at the end of the reporting period*

Identifier	N Obs.	NGE	SD	Bias	B	E	F	T	W	Comments
16554	4537	0	2.3	1.2	0	1	0	0	0	Bias at end of period
16575	451	41	4.7	3.5	0	0	0	0	0	Bias and SD at end of period
33593	4048	4	1.9	0.0	0	0	0	0	0	Bias at the end of period
44622	3779	5	0.9	0.0	0	0	0	0	0	Bias at end of period
46657	3673	0	2.0	-0.8	0	0	0	0	0	Bias at end of period

Table 3b: Platforms reporting in SHIP code

Identifier	N Obs.	NGE	SD	Bias	B	E	F	T	W	Comments
A8AS7	95	0	2.6	2.0	2	2	2	0	0	Bias at end of report
A8CC4	211	0	1.5	3.3	0	0	0	0	0	Bias
A8CR9	59	0	1.4	3.7	0	0	1	0	0	Bias
CG2522 *	2130	240	2.6	-1.4	1	0	1	1	1	Bias and GE
CG2556 *	133	16	1.0	-10.3	5	0	3	0	2	Bias
CG2992	546	221	4.8	-4.6	2	0	1	1	2	Bias and GE
C6FU5	43	0	3.6	4.6	0	0	0	0	0	Bias at start of report
C6FU6	49	0	2.5	-4.4	0	0	0	0	0	Bias
C6FV4	150	0	1.6	2.9	1	1	1	0	0	Bias at end of period
C6NR5	117	10	1.4	2.7	0	0	0	0	0	GE at end of period
C6YW	46	0	1.5	3.5	0	0	0	0	1	Bias
DBBI *	3183	13	1.4	2.2	0	0	0	0	0	Bias
DGHX	104	0	2.2	2.6	1	0	1	0	0	Bias at end of period
DQVI	348	0	2.1	2.6	2	2	2	2	0	Bias at end of period
D5XH *	81	0	2.4	-3.1	0	0	0	0	0	Bias
ELSR6	89	0	1.9	-7.1	2	2	2	1	0	Bias
ELXT9	202	2	2.3	4.2	3	3	3	3	0	Bias
JHHU	77	0	1.4	-4.2	1	0	1	0	0	Bias
KMJL *	231	0	1.7	-3.7	3	2	0	0	0	Bias
KS005	337	0	0.7	-3.0	0	1	0	0	0	Bias
KS011	288	24	5.7	-3.7	1	1	1	1	2	Bias and SD
KS035	139	17	5.4	-1.1	0	1	0	0	0	SD
KS037	202	9	5.7	-3.0	1	1	1	1	0	SD
LAGB5	61	0	1.4	-3.1	0	0	0	0	0	Bias
MANE	779	0	2.4	1.2	2	2	2	2	0	Bias at end of report
OULA2	66	0	1.2	-6.2	2	0	2	0	0	Bias
OVUN6	197	0	2.2	3.8	1	1	1	1	0	Bias at end of report
OXFU2	92	0	2.4	2.6	0	1	0	0	0	Bias at end of period
OYGA2	77	0	1.7	-2.6	0	0	0	0	0	Bias
OZFC2 *	48	1	4.0	-3.0	1	1	0	0	0	Bias
PHKL	87	0	2.4	2.3	0	0	0	0	0	Bias at end of period
P3FZ6	41	0	2.8	4.5	0	0	0	0	0	Bias
P3NE5	63	0	2.3	3.6	0	0	0	0	0	Bias
P3NK5	45	1	2.0	8.1	1	1	1	0	1	Bias
SXVF	373	2	2.0	2.8	0	0	0	0	0	Bias at end of period
S6HU8 *	70	0	1.5	4.2	1	1	1	1	2	Bias
TEST	939	321	4.3	-6.7	5	5	0	0	0	Bias and GE
UBXP *	259	0	1.5	-2.4	0	0	0	0	0	SD at end of period
UCAC	48	0	2.6	5.4	0	0	0	0	0	Bias
UCJB *	178	1	1.1	-4.6	4	4	4	3	1	Bias

Continued →

Identifier	N Obs.	NGE	SD	Bias	B	E	F	T	W	Comments
UCJL *	159	1	1.4	4.3	3	2	2	0	1	Bias
UCUC *	78	78	---	---	1	2	1	0	0	GE
UCUE	168	16	5.2	-2.2	2	1	1	2	1	Standard Deviation
UCUO	202	24	4.8	-2.5	2	2	1	2	0	Bias
UDBK	113	0	3.3	4.5	0	0	0	0	1	Bias
UDKC *	78	1	2.0	4.0	1	0	1	0	0	Bias
UFNO	138	0	2.3	2.7	0	0	0	0	0	Bias at end of period
UGPK	53	16	6.1	-6.3	0	2	1	0	2	Bias, SD and GE
UHCE	42	0	1.9	4.6	0	0	0	0	0	Bias
UIAG *	118	13	5.8	-4.0	2	2	2	0	1	Bias and SD
UIAH	111	25	6.1	-5.6	1	1	1	1	0	Bias and SD
UIAI *	40	2	2.0	-3.0	0	1	0	1	0	Bias
UIDS *	63	2	2.6	-3.5	0	0	0	0	0	Bias
UIZE *	281	6	5.1	2.5	2	1	1	1	0	Bias and SD
VCQN	79	22	2.0	-2.1	0	0	0	0	0	GE
VDRC	62	7	1.9	-4.1	0	0	1	0	0	Bias
VGJD	116	73	3.0	13.4	2	1	2	0	1	Bias and GE
VOTV	67	50	4.9	-5.8	2	0	2	0	0	Bias, SD and GE
VRUZ6	56	0	1.1	3.2	0	0	0	0	0	Bias
VTKW	54	1	2.0	-3.8	1	1	1	0	0	Bias
VVGG	58	0	1.5	4.0	1	1	1	0	1	Bias
V2AF4	195	0	2.4	2.8	2	3	2	2	0	Bias at end of period
V2OB1	289	22	5.4	-2.4	3	3	3	3	0	Bias, SD and GE
V7DY3 *	46	2	9.4	-4.6	1	1	1	1	0	Bias at end of period
WCY7054	106	3	1.3	5.8	2	0	2	2	0	Bias
WDJK *	233	2	1.6	-3.5	3	3	2	0	0	Bias
WSRH	204	1	1.5	-2.6	0	1	0	0	0	Bias at end of period
WXKM	42	0	2.0	-3.7	1	0	0	0	0	Bias
3FPS9	154	0	2.0	-3.9	2	0	2	1	0	Bias
31056	8826	370	2.8	-1.6	1	1	1	1	0	SD and GE at end of period
42047	199	0	2.1	1.4	0	0	0	0	0	Bias at end of report
62166 *	360	1	4.2	4.5	6	0	5	0	2	Bias and SD
63108 *	444	0	3.1	0.9	1	0	1	0	0	Bias at end of report

TABLE 4: LIST OF PLATFORMS REPORTING IN SHIP CODE NOT APPEARING IN TABLE 3 BUT LISTED AS SUSPECT OVER THE PERIOD JANUARY TO JUNE 2003.

Column 1 Call sign or identifier.
Column 2 Number of pressure observations available for monitoring over the 6-month period, excluding duplicates, but including any observations with gross errors.
Column 3 Number of pressure observations differing by more than 15 hPa from background (gross error).
Column 4 Standard deviation of observation-minus-background differences excluding cases of gross error.
Column 5 Mean of observation-minus-background differences (bias) excluding cases of gross error.
Column 6 Comments on quality of pressure observations.

Notes: 1. Units are hPa

Identifier	N Obs.	NGE	SD	Bias	Comments
CGSQ	26	0	2.2	1.6	Less than 40 reports
CYLX	68	0	3.2	-2.1	Bias and SD improved
C6FE6	77	0	1.7	-1.8	Bias reduced
C6KE3	35	0	1.5	-2.7	Less than 40 reports
C6SI4	170	0	2.6	2.4	Bias reduced
DICB	153	0	2.2	3.0	Bias reduced
DIHN	179	0	1.9	0.2	Bias reduced
DNHS	105	0	1.2	0.1	SD reduced
DPUW	154	0	2.1	1.9	Bias reduced
DQVO	210	2	2.3	0.8	Bias reduced
D3EXQ9D	6	0	0.6	-3.8	Less than 40 reports
ELYD5	324	0	1.6	-3.3	Bias reduced
KS014	0	---	---	---	No reports
LAOL5	45	0	3.0	-1.8	Bias reduced
OUKN2	0	---	---	---	No reports
OWDD	289	0	2.1	-0.6	Bias reduced
OYYK2	230	1	3.6	3.1	Bias reduced
SHIPDO	7	4	1.4	1.3	Less than 40 reports
S6DH	47	0	1.0	0.2	Bias reduced
S6JQ	131	1	1.8	3.0	Bias reduced
S6JR	70	0	2.1	2.9	Bias reduced
UANF	130	1	1.6	0.6	SD reduced
UCJS	146	0	3.2	-1.9	Bias reduced
UCSS	39	0	2.0	0.4	Less than 40 reports
UDWH	29	1	3.0	2.1	Less than 40 reports
UDYG	83	0	1.9	2.2	SD reduced
UFAA	14	0	0.8	7.2	Less than 40 reports
UFEQ	95	1	2.3	-3.3	Bias reduced
UGGA	162	0	1.7	-2.5	Bias reduced
UHLE	3	1	5.8	-4.9	Less than 40 reports

Continued →

Identifier	N Obs.	NGE	SD	Bias	Comments
VCLX	2	2	---	---	Less than 40 reports
VJT6198	0	---	---	---	No reports
VMGO	122	2	3.1	0.7	Bias reduced
VOWN	26	15	3.5	-1.4	Less than 40 reports
VTXG	113	0	2.4	1.2	Bias reduced
VVKT	22	0	3.2	-4.1	Less than 40 reports
V2AR5	332	0	0.9	-0.2	Bias reduced
V2AZ5	96	1	1.9	-0.3	SD reduced
V2KU	172	5	2.2	0.4	SD reduced
V2MH	300	0	1.3	-1.0	Bias reduced
WDCJ	158	1	2.6	2.0	Bias reduced
WE4879	94	0	1.6	-1.3	Bias reduced
XPYM	374	0	2.6	3.1	Bias reduced
XXXX	0	---	---	---	No reports
21901	0	---	---	---	No reports
21904	0	---	---	---	No reports
23594	0	---	---	---	No reports
3FHB8	269	0	2.2	-2.2	Bias reduced
3FOC5	75	0	2.0	0.9	Bias reduced
31057	0	---	---	---	No reports
33512	0	---	---	---	No reports
4XFX	0	---	---	---	No reports
42044	0	---	---	---	No reports
48092	0	---	---	---	No reports
53567	0	---	---	---	No reports
55630	0	---	---	---	No reports
55905	0	---	---	---	No reports
56538	0	---	---	---	No reports
61670	0	---	---	---	No reports
61673	0	---	---	---	No reports
61679	0	---	---	---	No reports
64522	0	---	---	---	No reports
64553	0	---	---	---	No reports
74532	0	---	---	---	No reports

TABLE 5: LIST OF MARINE OBSERVING PLATFORMS REPORTING SUSPECT WIND SPEED OBSERVATIONS OVER THE PERIOD JULY TO DECEMBER 2003.

Column 1 Call sign or identifier.
Column 2 Number of wind speed observations available for monitoring over the 6-month period, excluding duplicates, but including any observations with gross errors.
Column 3 Number of wind observations with vector difference from background of more than 25ms^{-1} (gross error).
Column 4 Standard deviation of observation-minus-background differences excluding cases of gross error.
Column 5 Mean of observation-minus-background differences (bias) excluding cases of gross error.
Column 6-10 Number of times observing platform has appeared on suspect lists. B=Bracknell, E=ECMWF, F=MétéoFrance, T=Tokyo, W=Washington.
Column 11 Comments on quality of wind speed observations.

Notes: 1. Units are ms^{-1}
2. Observing platforms marked with an asterisk were listed in the previous report (January to June 2003)

Table 5a: Platforms reporting in BUOY code

*i): Platforms **non-operational** at the end of the reporting period*

Identifier	N Obs.	NGE	SD	Bias	B	E	F	T	W	Comments
21634	1518	80	4.8	2.8	1	1	1	0	0	Bias and GE at end of report
21908	7756	2	3.3	-0.6	0	0	0	0	0	Bias at end of report
21909	2500	0	2.6	0.8	0	0	0	0	0	Bias at end of report
21910	2489	1	2.7	0.4	0	0	0	0	0	Bias at end of report
41534	1821	57	3.7	-0.9	0	0	0	0	0	Bias at end of report
41631	1108	0	3.1	0.6	1	1	1	0	0	Bias at end of report
41645	1427	0	2.7	0.1	0	0	0	0	0	Bias at end of report
41655	2746	0	2.7	0.4	0	0	0	0	0	Bias and SD at end of period
41910	424	24	5.9	5.4	2	1	1	1	0	Bias
41912	243	15	7.2	4.9	1	0	1	0	0	Bias
41913	433	27	5.6	4.3	0	0	1	1	0	Bias
41916	412	14	6.1	4.5	0	0	0	1	0	Bias
41917	419	26	5.4	4.2	0	0	0	1	0	Bias
44601	212	0	2.7	-5.0	0	0	0	1	0	Bias
44615	2854	6	2.5	0.6	0	0	0	0	0	Bias at end of report
46780	1350	0	2.3	0.9	0	0	0	0	0	Bias at end of report
46781	1299	1	2.7	0.5	1	0	1	0	0	Bias at end of report
62711	1572	14	3.3	2.1	0	0	0	0	0	Bias and SD at end of report

*ii): Platforms **operational** at the end of the reporting period*

Identifier	N Obs.	NGE	SD	Bias	B	E	F	T	W	Comments
41646	2283	1	2.3	0.2	0	0	0	0	0	Bias at end of period
52525	2574	0	2.1	-2.1	2	2	0	1	0	Bias at end of period

Table 5b: Platforms reporting in SHIP code

CYLY *	208	1	4.0	4.8	0	0	1	0	0	Bias
C6NR5	118	2	6.4	5.6	1	1	1	1	0	Bias at end of period
DGZO	208	0	4.9	3.9	1	0	1	2	0	Bias at end of period
ELGJ9	225	0	2.4	4.0	1	0	0	0	0	Bias
ELTY4 *	135	1	5.7	6.9	3	3	3	1	2	Bias
ELWY3	170	0	3.7	2.1	0	1	1	0	0	Bias at end of period
ELYA5	98	0	3.5	3.6	0	0	0	0	0	Bias
ELZX2	269	1	3.2	3.3	1	1	1	1	0	Bias at end of period
HP6038 *	1349	0	3.1	4.4	3	0	1	2	1	Bias
H9RS	390	1	2.5	3.8	1	0	0	1	0	Bias
KS006 *	113	0	2.4	-4.1	0	0	0	0	0	Bias
MZPQ3	337	3	4.9	2.7	2	0	0	0	0	Bias at end of period
OXRA6	115	0	3.7	4.6	0	1	0	0	0	Bias
P3CE9	109	5	7.6	3.0	1	1	1	1	0	Bias and SD at end of period
P3JR9	58	3	7.5	8.1	0	1	0	0	0	Bias at end of period
SCKM	190	0	3.6	3.9	1	0	0	0	0	Bias
SWYM	143	3	4.0	3.2	2	0	2	0	0	Bias at end of period
TEST	1066	286	3.3	1.3	0	4	0	0	0	Bias and GE
TSMU	140	6	5.3	5.5	1	1	1	1	0	Bias and SD at end of period
UCJJ	278	0	2.9	2.9	1	0	0	0	0	Bias at end of report
UCUO	208	0	3.7	3.4	0	1	1	1	0	Bias at end of period
UCUQ	281	0	3.2	2.8	0	0	1	0	0	Bias at end of period
UETM	81	0	5.0	5.6	1	1	1	0	0	Bias at end of period
VCPZ	88	2	4.2	6.0	0	0	0	0	0	Bias
VEP717 *	1322	1	3.4	4.2	1	0	1	1	0	Bias
VGLZ *	138	0	3.9	6.5	0	0	0	0	0	Bias at end of period
VOTV	69	0	4.2	4.9	0	0	0	0	0	Bias at end of period
VRWK3	147	1	3.2	4.8	2	2	2	1	0	Bias
V2DX	193	1	4.4	2.1	1	1	1	1	0	SD at end of period
V2EA4	475	15	6.1	6.2	4	3	4	4	0	Bias and GE
V2FN *	98	1	5.9	8.0	2	2	0	1	1	Bias
WDA3588	233	0	4.9	4.7	1	0	1	1	0	Bias
ZCBH9	239	0	3.9	3.0	1	0	0	0	0	Bias at end of period
ZCBO6	249	0	3.0	2.3	1	1	1	1	0	Bias at end of period
ZCBV4	237	0	2.9	3.9	0	0	0	1	0	Bias at end of period

Continued →

Identifier	N Obs.	NGE	SD	Bias	B	E	F	T	W	Comments
ZCDG4	144	3	4.5	5.5	2	2	1	2	0	Bias
3ETX6	428	39	5.2	5.8	4	4	4	4	2	Bias
3FEI6	283	2	3.2	6.1	5	3	3	3	1	Bias
3FPK7	1290	0	2.9	3.6	0	0	0	0	0	Bias
45150	2493	0	1.9	0.2	0	0	0	0	0	Bias at end of report
46131 *	4119	0	3.1	3.4	0	0	0	0	0	Bias
46146 *	3992	0	2.8	3.9	0	0	0	0	0	Bias
46181	4100	0	3.0	2.6	0	1	0	0	0	Bias

TABLE 6: LIST OF PLATFORMS REPORTING IN SHIP CODE NOT APPEARING IN TABLE 5 BUT LISTED AS SUSPECT OVER THE PERIOD JANUARY TO JUNE 2003.

Column 1 Call sign or identifier.
Column 2 Number of wind speed observations available for monitoring over the 6-month period, excluding duplicates, but including any observations with gross errors.
Column 3 Number of wind observations with vector difference from background of more than 25ms^{-1} (gross error).
Column 4 Standard deviation of observation-minus-background differences excluding cases of gross error.
Column 5 Mean of observation-minus-background differences (bias) excluding cases of gross error.
Column 6 Comments on quality of wind speed observations.

Notes: 1. Units are ms^{-1}

Identifier	N Obs.	NGE	SD	Bias	Comments
C6JD9	20	0	2.4	1.1	Less than 40 reports
C6KU8	112	0	3.0	1.8	Bias and SD reduced
DGVZ	220	0	2.0	2.3	Bias and SD reduced
DLCX	0	---	---	---	No reports
D3EXQ9D	6	0	1.5	3.8	Less than 40 reports
ELYL8	134	0	4.3	2.8	Bias reduced
ELZF9	77	0	2.0	1.4	Bias reduced
GBRP	76	0	3.3	3.5	Bias reduced
KS000	396	0	3.3	2.3	Bias reduced
KS004	1302	0	3.8	0.8	Bias reduced
KS010	228	0	3.0	-3.0	Bias reduced
KS014	0	---	---	---	No reports
KS025	928	0	4.0	1.0	Bias reduced
OVYB2	238	0	2.3	2.1	Bias reduced
OWVI2	232	0	3.8	1.4	Bias reduced
UCTA	103	0	3.2	-0.6	Bias reduced
UDUR	33	0	2.7	-2.9	Less than 40 reports
UIAG	124	0	4.3	1.9	Bias reduced
VB6367	13	0	2.4	2.8	Less than 40 reports
VNSZ	3053	0	3.2	3.5	Bias reduced
VTXK	141	0	4.3	1.6	Bias reduced
VVJS	0	---	---	---	No reports
WE4879	94	0	3.0	3.3	Bias reduced
WFJK	0	---	---	---	No reports
WQZ9670	508	0	2.6	2.8	Bias reduced

Continued →

Identifier	N Obs.	NGE	SD	Bias	Comments
ZCBD2	213	0	2.6	1.4	Bias reduced
ZCDF4	13	0	3.6	4.9	Less than 40 reports
21903	0	---	---	---	No reports
21904	0	---	---	---	No reports
21905	0	---	---	---	No reports
3FZM6	178	2	2.9	1.6	SD reduced
3FZM7	0	---	---	---	No reports
42023	555	0	1.4	-2.8	Bias reduced
44025	4169	0	1.8	0.3	Bias reduced
44145	0	---	---	---	No reports
52516	0	---	---	---	No reports
52521	0	---	---	---	No reports
52533	0	---	---	---	No reports
52537	0	---	---	---	No reports
52643	0	---	---	---	No reports
52648	0	---	---	---	No reports
64046	0	---	---	---	No reports
9MBR8	96	1	3.9	0.9	Bias and SD reduced

TABLE 7: LIST OF MARINE OBSERVING PLATFORMS PRODUCING SUSPECT WIND DIRECTION OBSERVATIONS OVER THE PERIOD JULY TO DECEMBER 2003 .

Column 1 Call sign or identifier.
Column 2 Number of wind direction observations available for monitoring over the 6-month period, excluding duplicates, but including any observations with gross errors.
Column 3 Number of wind observations with vector difference from background of more than 25ms^{-1} (gross error).
Column 4 Standard deviation of observation-minus-background differences excluding cases of gross error.
Column 5 Mean of observation-minus-background differences (bias) excluding cases of gross error.
Column 6-10 Number of times observing platform has appeared on suspect lists. B=Bracknell, E=ECMWF, F=MétéoFrance, T=Tokyo, W=Washington.
Column 11 Comments on quality of wind direction observations.

Notes:
1. Units are degrees (°).
2. Observing platforms marked § had a significant speed bias at some time within the period and the statistics and their plots refer to direction reports associated with background wind speeds greater than 5 ms^{-1} . If no significant speed bias was present, the statistics and plots refer to direction reports with an observed speed greater than 5 ms^{-1}.
3. Observing platforms marked with an asterisk were listed in the previous report (January to June 2003)

Table 7a: Platforms reporting in BUOY code

*i): Platforms **non-operational** at the end of the reporting period*

Identifier	N Obs.	NGE	SD	Bias	B	E	F	T	W	Comments
21535	1127	3	39.5	-11.4	0	1	2	0	0	Bias
21909	2500	0	33.6	20.1	0	0	1	0	0	Bias
41537	1058	1	15.9	-35.5	2	2	1	0	2	Bias
41912 §	243	8	49.9	42.6	1	1	2	1	0	Bias

*ii): Platforms **operational** at the end of the reporting period*

Identifier	N Obs.	NGE	SD	Bias	B	E	F	T	W	Comments
41532	1450	3	46.7	2.0	1	2	2	1	0	Bias
46702	1639	21	69.5	-24.7	3	4	3	2	0	Bias, SD and GE

Table 7b: Platforms reporting in SHIP code

Identifier	N Obs.	NGE	SD	Bias	B	E	F	T	W	Comments
A8AX4 *	86	0	63.3	-3.4	0	0	0	0	0	SD
A8BK9	124	0	63.0	5.3	0	0	0	0	1	SD
A8CG2	165	0	62.3	-7.5	0	0	0	0	0	SD
C6IZ7	124	0	62.0	14.0	0	0	0	0	0	SD
C6QK *	89	0	63.3	-21.7	0	0	0	0	0	SD reduced
C6RI4	62	1	46.9	38.0	0	0	0	0	0	Bias
ELRE7	147	0	68.6	-20.3	0	0	0	0	0	SD
ELWA2	122	0	72.0	27.9	1	2	0	1	1	SD
ELXO3 *	149	1	66.8	-2.3	0	0	0	0	1	Bias and SD
ELXQ7	118	2	61.9	12.1	0	0	0	0	0	SD
ELZC7	54	0	62.1	-6.3	0	0	0	0	0	SD
GQVJ	207	0	63.5	7.9	0	1	1	0	0	SD
HPJW	67	2	86.4	30.7	1	1	1	1	0	Bias and SD
H9OO	163	0	60.8	-20.2	0	0	0	0	0	Bias and SD
KS025	834	0	85.2	7.7	3	2	3	1	2	SD
KS027	394	0	113.6	-10.3	1	2	3	2	0	SD
KS035	126	0	70.7	6.1	0	0	1	0	0	SD
LANR5	85	0	74.6	-7.8	0	0	0	0	0	SD
LMWO3	88	2	63.0	-19.2	0	0	0	0	0	SD
MCDZ9	89	1	63.1	-29.1	1	1	1	1	0	Bias and SD
MSGS4 *	99	0	82.7	36.8	0	0	0	0	2	SD
PBHT	147	0	63.5	34.9	0	0	0	0	0	Bias and SD
PGFE	101	0	61.2	-11.6	0	0	0	0	1	SD
P3GU7 *	112	1	58.9	9.8	0	0	0	0	0	SD
P3JA9	183	1	61.2	13.5	0	0	0	0	1	SD
P3JS9	83	0	62.7	-11.8	0	0	0	0	0	SD
SP32	660	4	62.1	22.9	3	3	4	3	1	Bias and SD
SWYM §	143	3	73.1	12.3	0	0	1	0	1	SD
TEST §	1065	48	99.3	-3.7	0	1	0	0	0	SD and GE
UANA	107	8	91.1	3.0	1	1	2	0	0	SD
UASU *	167	0	55.9	-10.7	0	0	0	0	0	Bias and SD
UCTZ	79	0	65.6	5.5	0	0	0	0	0	SD
UCUO §	199	0	70.1	1.9	0	1	0	0	2	SD
UDBK	97	0	67.6	-17.4	0	0	0	0	2	SD
UDDE	167	2	65.8	-2.2	0	0	0	0	2	SD
UDKC	73	2	61.0	22.1	1	0	1	0	1	SD
UHJU	79	0	69.0	-8.0	0	0	0	0	0	SD
UIAG *	112	0	64.7	10.5	0	0	0	0	0	SD
UIAH	109	3	88.0	-27.5	0	1	1	0	0	Bias and SD
VCTK	106	0	44.5	-39.1	0	0	1	0	0	Bias

Continued →

Identifier	N Obs.	NGE	SD	Bias	B	E	F	T	W	Comments
V2AR5 §	332	0	60.2	1.9	0	0	0	0	1	SD
V2EU	117	0	68.5	-7.7	0	2	0	0	1	SD
V2FM *	196	0	99.8	-5.8	0	2	2	0	1	SD
V7DQ8 *	319	0	75.3	3.8	0	1	0	0	2	SD
WBN5092	70	0	66.2	24.1	0	0	0	0	1	SD
WBN5978	165	0	61.7	-7.4	0	0	0	0	0	SD
WDB3834	92	0	63.9	-1.0	0	0	0	0	0	SD
WYH6327	407	1	66.6	-12.8	0	0	1	0	0	SD
ZCBF3 *	51	0	92.0	0.6	0	1	1	1	1	SD
23091 *	68	0	73.9	-72.8	0	0	1	0	1	SD
23101	90	0	63.9	64.0	1	1	1	1	1	Bias
23168 *	662	1	51.7	85.9	4	6	6	5	2	Bias
3ETX6 *§	428	38	75.4	-0.7	3	4	3	3	1	Bias and SD
3EWT9 *	43	0	96.1	-18.8	0	0	0	0	0	Bias
3FGI5	119	0	62.9	-24.5	0	0	0	0	1	Bias and SD
3FTL9	71	0	75.4	5.1	0	0	0	0	0	SD
4XGS	102	0	60.5	-5.7	0	0	0	0	0	SD
4XGT	62	0	60.7	-13.2	0	0	0	0	0	SD
45140 *	2201	0	38.7	22.1	0	0	0	0	1	Bias
45141 *	2053	0	38.7	16.0	0	0	0	0	0	Bias
45145	2021	0	43.9	30.5	0	0	1	1	2	Bias
46081 §	2144	0	46.6	-55.9	0	3	4	3	0	Bias
5WDC	126	0	71.9	-16.3	0	0	0	0	0	SD
51023	390	0	45.0	-32.9	0	0	0	0	0	Bias
9VVU	78	1	65.7	-0.1	0	0	0	0	0	SD

TABLE 8: LIST OF PLATFORMS REPORTING IN SHIP CODE NOT APPEARING IN TABLE 7 BUT LISTED AS SUSPECT OVER THE PERIOD JANUARY TO JUNE 2003.

Column 1 Call sign or identifier.
Column 2 Number of wind direction observations available for monitoring over the 6-month period, excluding duplicates, but including any observations with gross errors.
Column 3 Number of wind observations with vector difference from background of more than 25ms^{-1} (gross error).
Column 4 Standard deviation of observation-minus-background differences excluding cases of gross error.
Column 5 Mean of observation-minus-background differences (bias) excluding cases of gross error.
Column 6 Comments on quality of wind direction observations.

Notes: 1. Units are degrees (°)

Identifier	N Obs.	NGE	SD	Bias	Comments
A8AA4	229	0	38.1	2.1	SD reduced
A8BL2	191	0	43.8	2.7	SD reduced
CTFJ	36	0	21.2	-6.8	Less than 40 reports
C6CM7	0	---	---	---	No reports
C6KD4	334	0	52.2	-11.1	Bias reduced
C6PW2	249	0	47.9	-1.7	Bias reduced
C6YW	117	0	50.1	-14.4	Bias and SD reduced
DHKW	64	0	60.8	7.1	SD reduced
DPGD	146	0	56.7	-2.4	SD reduced
ELGJ9	225	0	51.5	-2.0	SD reduced
ELOG5	0	---	---	---	No reports
ELTQ6	363	0	38.1	0.9	SD reduced
ELZO4	25	0	57.5	-1.5	Less than 40 reports
FGTO	462	0	40.8	-2.6	Bias and SD reduced
FNWX	56	0	26.3	3.7	Bias reduced
KAKG	20	0	72.0	9.9	Less than 40 reports
KCBH	111	1	25.1	-4.7	Bias reduced
LOAI	0	---	---	---	No reports
PECA	38	0	60.2	-31.8	Less than 40 reports
PFAQ	146	0	44.4	2.4	SD reduced
P3ET9	59	0	23.2	4.0	SD reduced
P3KH8	0	---	---	---	No reports
SHIPBM	0	---	---	---	No reports
UAST	320	1	43.8	0.6	Bias and SD reduced
UBLX	98	1	43.8	-5.5	SD reduced
UCTA	84	0	49.6	4.1	SD reduced
UCTK	93	0	52.0	-6.0	SD reduced
UERK	77	0	32.0	15.2	Bias reduced
UGTV	134	2	47.4	-4.7	SD and GE reduced
UIAI	39	0	63.1	22.8	Less than 40 reports

Continued →

Identifier	N Obs.	NGE	SD	Bias	Comments
VHA2364	23	0	40.8	-1.7	Less than 40 reports
VLHJ	0	---	---	---	No reports
VOCJ	1326	6	49.0	0.3	Bias reduced
VRUR6	0	---	---	---	No reports
VWTL	55	0	37.8	-5.9	SD reduced
V2AF1	0	---	---	---	No reports
V2EN	61	0	39.5	15.7	SD reduced
V2IA1	166	0	58.4	1.7	Bias and SD reduced
V2JZ	24	0	33.5	-9.5	Less than 40 reports
V2PK	122	0	53.4	-2.1	SD reduced
V2PW3	2	0	0.0	-27.6	Less than 40 reports
V7AG9	108	0	39.2	3.8	SD reduced
V7AT5	215	0	52.6	8.1	Bias reduced
V7DB5	3	0	0.0	-1.5	Less than 40 reports
WCZ8589	25	0	31.8	6.9	Less than 40 reports
WDA2311	291	0	53.6	-4.1	SD reduced
XXAL	8	0	12.6	37.8	Less than 40 reports
ZCBD2	213	0	53.2	-4.0	Bias and SD reduced
ZCGH3	142	1	54.4	16.6	Bias and SD reduced
21902	0	---	---	---	No reports
21904	0	---	---	---	No reports
23102	128	0	12.0	-19.7	Bias and SD reduced
23594	0	---	---	---	No reports
41648	0	---	---	---	No reports
42044	2556	0	42.2	-42.0	Bias and SD reduced
46025	1365	0	46.8	-30.6	Bias reduced
46053	1346	0	36.5	-24.1	Bias reduced
52006	180	0	36.3	-13.5	Bias and SD reduced
52643	0	---	---	---	No reports
9VHZ4	0	---	---	---	No reports
9VVW	124	0	40.2	-13.9	SD reduced

TABLE 9: LIST OF MARINE OBSERVING PLATFORMS REPORTING SUSPECT SEA SURFACE TEMPERATURE OBSERVATIONS OVER THE PERIOD JULY TO DECEMBER 2003.

Column 1 Call sign or identifier.
Column 2 Number of sea-surface temperature observations available for monitoring over the six-month period, excluding duplicates, but including any observations with gross errors.
Column 3 Number of sea surface temperature observations differing by more than 10 °C from background (gross error).
Column 4 Standard deviation of observation-minus-background differences excluding cases of gross error.
Column 5 Mean of observation-minus-background differences excluding cases of gross error.
Columns 6-10 Number of times observing platform has appeared on suspect lists. B=Bracknell, E=ECMWF, F=MétéoFrance, T=Tokyo, W=Washington.
Column 11 Comments on quality of sea surface temperature observations.

Notes:
1. Units are °C
2. Observing platforms marked with an asterisk were listed in the previous report (January to June 2003)

Table 9a: Platforms reporting in BUOY code

*i): Platforms **non-operational** at the end of the reporting period*

Identifier	N Obs.	NGE	SD	Bias	B	E	F	T	W	Comments
12504	63	63	---	---	1	-	1	-	1	GE
12530	692	27	1.1	-0.9	0	-	1	-	0	Bias and GE at end of report
13607	225	0	2.0	2.6	1	-	1	-	0	Bias at end of report
13615	268	0	1.9	1.8	1	-	0	-	0	Bias at end of report
13938	113	92	2.6	-7.8	1	-	1	-	1	Bias and GE
14918	85	85	---	---	1	-	1	-	1	GE
15908	1673	126	0.3	0.1	1	-	1	-	1	GE at end of report
16577	270	0	0.8	3.3	1	-	0	-	0	Bias at end of period
17510	1937	137	0.6	-0.6	1	-	0	-	1	GE at end of report
17653	312	38	3.7	-0.3	0	-	2	-	2	SD and GE at end of report
21571	1748	39	1.6	-0.9	0	-	0	-	0	Bias and GE at end of report
22571	370	32	3.2	-0.9	1	-	1	-	0	Bias and GE at end of report
22573	353	0	1.8	-0.9	0	-	0	-	0	Bias at end of report
22585	390	2	2.1	-1.2	0	-	0	-	0	Bias at end of report
22908	1274	3	1.3	-0.1	1	-	1	-	0	Bias at end of report

Continued →

Identifier	N Obs.	NGE	SD	Bias	B E F T W	Comments
23903	289	2	2.1	-0.6	1 - 0 - 0	Bias at end of report
23928	831	25	1.8	1.2	1 - 1 - 1	SD and GE at end of report
32520	1233	0	1.1	0.2	0 - 1 - 0	Bias at end of report
33502	723	0	0.8	3.3	5 - 1 - 2	Bias
34914	2319	0	0.7	-0.1	0 - 0 - 0	Bias at end of period
41643	5150	0	1.6	1.2	1 - 0 - 2	Bias at end of report
41651	1580	0	0.4	-4.1	2 - 0 - 2	Bias
42562	48	37	2.6	-4.3	1 - 0 - 2	Bias and GE
42563	64	51	2.6	-4.4	1 - 1 - 2	Bias and GE
42564	114	79	3.1	-4.9	1 - 1 - 2	Bias and GE
42565	220	164	2.5	-5.7	2 - 2 - 4	Bias and GE
42566	63	52	2.7	-5.1	1 - 1 - 2	Bias and GE
42567	265	189	2.8	-5.2	2 - 2 - 4	Bias and GE
44507	305	123	2.6	-5.4	4 - 4 - 4	Bias and GE
44603	5988	26	0.4	0.1	0 - 0 - 0	Bias and GE at end of report
44622	3474	1	1.0	-0.3	0 - 0 - 0	Bias at end of report
44746	719	18	1.5	0.0	0 - 0 - 0	Bias and GE at end of report
46512	202	72	5.5	-3.1	2 - 2 - 3	Bias, SD and GE
46598	116	0	1.4	-6.1	1 - 1 - 1	Bias
46626	270	0	3.2	-3.4	1 - 0 - 0	Bias
46628	76	23	0.4	9.4	1 - 1 - 1	Bias and GE
46780	1331	0	1.3	3.6	1 - 0 - 0	Bias
51518	426	0	3.2	-1.8	1 - 1 - 1	Bias at end of report
51642	109	107	0.7	-8.4	1 - 1 - 1	Bias and GE
51661	731	51	0.6	0.2	1 - 1 - 1	GE at end of report
51727	381	125	2.4	-3.8	2 - 2 - 2	Bias and GE
51761	1380	0	2.5	0.6	1 - 0 - 0	Bias
51768	450	0	1.7	-4.6	2 - 1 - 1	Bias
52815	652	40	0.3	-0.3	0 - 0 - 0	GE at end of report
53595	507	10	2.5	-0.8	0 - 0 - 0	Bias at end of period
56523	1612	0	2.6	1.9	1 - 1 - 1	Bias
61524	2436	0	1.0	-0.3	1 - 1 - 1	Bias at end of report
61525	2036	1	1.5	0.0	0 - 0 - 3	Bias at end of report
61532	1449	0	0.9	0.4	0 - 0 - 0	SD at end of report
61675	982	3	2.1	0.4	0 - 1 - 0	Bias at end of report
62901	2024	10	1.8	-0.7	0 - 0 - 0	Bias and SD at end of report
64607	209	85	1.1	0.8	1 - 0 - 1	GE
73501	1750	0	1.1	0.4	0 - 0 - 0	Bias at end of report

ii): Platforms operational at the end of the reporting period

Identifier	N Obs.	NGE	SD	Bias	B	E	F	T	W	Comments
13609	1230	0	1.3	0.4	0	-	0	-	0	Bias at end of period
16569	1983	0	1.1	-0.5	0	-	0	-	0	Bias at end of period
32693	627	0	0.5	3.5	2	-	0	-	0	Bias
44742	2003	0	1.3	-2.2	1	-	0	-	1	Bias
46551	2783	0	1.4	-0.5	1	-	1	-	0	Bias at end of period
46972	1273	0	0.4	4.8	6	-	2	-	6	Bias
51769	1816	0	2.5	1.2	2	-	0	-	0	Bias at end of period
55582	4987	3	1.4	0.0	0	-	0	-	0	Bias and SD at end of period
56530	2912	17	0.8	0.2	1	-	1	-	2	Bias at end of period
64523	2701	0	2.2	1.5	1	-	0	-	0	Bias at end of period
65598	561	0	2.8	2.0	0	-	0	-	0	Bias

Table9b: Platforms reporting in SHIP code

Identifier	N Obs.	NGE	SD	Bias	B	E	F	T	W	Comments
CG2522 *	204	155	2.9	6.4	4	-	2	-	4	Bias and GE
CG2992	113	113	---	---	2	-	1	-	2	GE
C6IZ7	122	0	2.0	3.9	3	-	2	-	3	Bias
C6SI4	68	3	2.6	-3.9	1	-	1	-	0	Bias
ELSM9 *	48	0	1.0	-5.9	1	-	1	-	1	Bias
ELWY3 *	160	2	1.4	3.1	4	-	1	-	4	Bias
ELXE2	94	29	2.0	0.1	2	-	2	-	2	GE
ELXO4 *	166	0	1.6	-3.3	2	-	0	-	1	Bias
ELZT3	1340	732	2.4	-0.9	3	-	2	-	9	GE
ELZV9	163	7	2.7	-3.5	3	-	3	-	4	Bias
FNJI *	447	0	1.0	3.4	4	-	0	-	1	Bias
GURN	186	15	2.3	-0.4	1	-	1	-	1	GE
H3YF	117	0	2.4	1.5	1	-	1	-	1	Bias
H9TG	74	0	1.7	2.4	0	-	0	-	0	Bias
JKHH *	389	0	1.6	1.0	0	-	0	-	0	Bias
KAKF	56	10	2.2	4.3	1	-	0	-	2	Bias
KRHX	273	3	1.8	-2.8	2	-	2	-	1	Bias
KRPB *	247	0	2.2	-4.3	5	-	4	-	2	Bias
KS005	334	0	1.5	-0.4	0	-	0	-	0	Bias at end of report
KS011 *	945	1	2.1	-1.8	2	-	2	-	1	Bias at end of period
KS035	353	1	1.6	1.5	0	-	0	-	2	Bias at end of period
LACF5	49	0	1.7	3.4	1	-	1	-	1	Bias
LAJV4	234	0	1.6	2.8	2	-	1	-	1	Bias
PDZR	78	1	2.6	-2.2	0	-	0	-	0	Bias at end of period
PFAR	138	0	2.9	0.4	1	-	1	-	1	Bias at end of period

Continued →

Identifier	N Obs.	NGE	SD	Bias	B E F T W	Comments
PGQC	41	0	4.1	-3.7	0 - 0 - 1	Bias
PHPO *	290	0	0.7	-3.2	4 - 0 - 1	Bias
PHSG	88	0	1.1	-4.9	2 - 2 - 2	Bias
PPSV	64	0	2.2	-2.5	1 - 1 - 0	Bias
P3CE9	92	0	3.0	-2.3	1 - 1 - 0	Bias
P3KT8 *	151	0	2.1	1.6	1 - 0 - 0	Bias at end of period
P3YS5	353	0	2.5	0.2	0 - 0 - 0	Bias at end of period
SHJC	157	0	1.8	2.8	1 - 1 - 1	Bias at end of period
SLCH *	109	1	1.0	3.8	3 - 1 - 1	Bias
S6HU4	81	10	3.4	-3.3	2 - 1 - 2	Bias
S6IW	243	20	1.7	1.9	1 - 1 - 2	Bias and GE at end of period
S6MJ	43	2	2.0	-3.6	0 - 1 - 2	Bias
S6TS *	304	6	3.2	-3.2	3 - 6 - 2	Bias
TSLN	515	0	1.6	-4.0	4 - 4 - 3	Bias
UANF	126	3	1.8	2.5	1 - 0 - 0	Bias at end of report
UCAB	75	0	3.1	-2.1	1 - 1 - 2	Bias at end pf period
UCBM *	291	0	2.8	-2.7	3 - 3 - 2	Bias
UCJB	172	0	2.2	-4.0	3 - 1 - 4	Bias
UCJI	85	2	3.0	-3.6	1 - 1 - 2	Bias
UCON	177	4	2.7	-3.0	2 - 2 - 1	Bias
UFHG	138	1	3.0	-1.1	0 - 3 - 0	Bias at end of period
UFSZ	187	0	0.6	-6.0	4 - 4 - 2	Bias
UHOM	212	0	1.6	-3.4	2 - 1 - 2	Bias
UHRT	205	1	1.3	-3.6	4 - 1 - 3	Bias
UHVW	107	0	0.8	3.0	1 - 0 - 0	Bias
UINM *	89	0	0.7	3.1	1 - 0 - 0	Bias
VCTV	76	17	3.9	-2.6	1 - 1 - 2	Bias at end of report
VJRB *	58	1	1.2	-3.2	0 - 0 - 0	Bias
VRXR5 *	64	0	0.5	5.6	1 - 1 - 1	Bias
V2AM5	41	0	2.4	-3.3	0 - 0 - 0	Bias
V2OH1	148	0	2.3	-4.0	3 - 3 - 2	Bias
V2PK *	104	2	2.4	1.3	0 - 1 - 0	Bias at end of report
V7DN3 *	234	0	2.2	-2.9	3 - 2 - 3	Bias
V7DP7 *	56	2	1.8	-3.9	1 - 1 - 0	Bias
WAAH	304	0	1.5	2.0	1 - 1 - 0	Bias at end of period
WCZ552 *	243	2	3.4	-1.4	1 - 4 - 3	Bias at end of period
WCZ9380	42	0	1.2	3.8	0 - 0 - 0	Bias
WRZU	41	0	1.7	-3.9	1 - 1 - 1	Bias
ZCBQ2	110	3	2.2	5.8	3 - 3 - 4	Bias
ZCBU5	115	0	0.8	3.0	2 - 0 - 0	Bias

Continued –

Identifier	N Obs.	NGE	SD	Bias	B E F T W	Comments
ZCDH7	67	0	1.9	3.2	1 - 0 - 1	Bias
ZMFR	1071	379	3.5	-2.0	4 - 3 - 4	GE at end of period
3FJV4	113	1	1.1	3.7	4 - 0 - 1	Bias
3FKM8	113	0	1.9	-3.3	2 - 0 - 0	Bias
3FOW2	82	5	2.4	5.2	0 - 0 - 0	Bias
3FRR5	311	2	1.7	2.6	1 - 1 - 1	Bias at end of period
31056	2141	1531	1.2	0.4	5 - 1 - 5	Bias and GE
41008	4042	0	1.3	-1.0	0 - 1 - 0	Bias at end of period
41025	3397	0	2.5	-0.6	0 - 0 - 0	Bias
42007	4061	0	1.4	-0.9	1 - 1 - 0	Bias at end of period
44011 *	2896	0	1.3	-1.9	0 - 1 - 1	Bias
44137 *	3651	0	1.9	2.1	2 - 0 - 0	Bias
44142	3779	29	2.3	0.5	1 - 0 - 0	Bias and GE
45139	3160	0	2.4	-2.8	3 - 1 - 2	Bias
45141	1886	1436	3.5	7.1	4 - 2 - 3	Bias and GE
45142 *	2695	0	1.2	0.8	0 - 2 - 2	Bias at end of report
45143	3084	0	1.1	0.4	0 - 0 - 0	Bias at end of report
45144 *	1742	1648	2.0	8.2	3 - 3 - 3	Bias and GE
45150	2343	1587	2.8	6.9	4 - 3 - 3	Bias and GE
45159 *	2452	23	2.6	-2.4	1 - 2 - 1	Bias
45160 *	2361	184	3.2	-3.6	2 - 2 - 1	Bias
7KXF	184	14	0.5	-0.1	1 - 1 - 2	GE at end of report
9KKS	301	1	1.9	-3.5	4 - 4 - 4	Bias

TABLE 10: LIST OF PLATFORMS REPORTING IN SHIP CODE NOT APPEARING IN TABLE 9 BUT LISTED AS SUSPECT OVER THE PERIOD JANUARY TO JUNE 2003.

Column 1 Call sign or identifier
Column 2 Number of sea-surface temperature observations available for monitoring over the 6-month period, including any observations with gross errors.
Column 3 Number of sea surface temperature observations differing by more than 10 °C from the background (gross error).
Column 4 Standard deviation of observation-minus-background differences excluding cases of gross error.
Column 5 Mean of observation-minus-background differences excluding cases of gross error.
Column 6 Comments on quality of sea surface temperature observations.

Notes: 1. Units are °C

Identifier	N Obs.	NGE	SD	Bias	Comments
CGDS	402	3	1.8	0.5	Bias reduced
CGSQ	9	0	1.7	-0.7	Less than 40 reports
CG2350	837	5	2.3	0.3	Bias reduced
C6CU6	133	0	1.4	0.4	GE reduced
C6FU6	49	3	2.1	-0.6	Bias reduced
C6QO9	93	0	2.4	2.7	Bias reduced
C6Q09	1	0	0.0	6.2	Less than 40 reports
C6YW	109	0	1.3	-1.9	Bias reduced
DACF	1972	6	0.9	0.3	Bias reduced
DBFO	2459	2	0.9	0.3	Bias reduced
DGCP	28	0	1.4	2.9	Less than 40 reports
ELKU8	0	---	---	---	No reports
ELOG5	0	---	---	---	No reports
ELXU2	0	---	---	---	No reports
FGTO	0	---	---	---	No reports
FNWZ	0	---	---	---	No reports
FNYF	293	0	2.7	1.9	Bias reduced
GYYP	96	6	1.4	0.5	GE reduced
KS014	0	---	---	---	No reports
LAJY4	0	---	---	---	No reports
NDFH	100	3	1.2	0.6	GE reduced
OUEV	353	1	3.1	0.2	Bias reduced
OZIA	1121	2	1.7	1.6	Bias reduced
PCIG	207	1	1.0	-0.5	Bias reduced
P3ZY6	8	0	1.9	-5.2	Less than 40 reports

Continued →

Identifier	N Obs.	NGE	SD	Bias	Comments
SGAK	22	0	2.6	3.3	Less than 40 reports
SIWB	90	0	1.4	0.7	Bias reduced
TSMS	297	3	1.8	-3.3	Bias reduced
UAST	0	---	---	---	No reports
UBDO	28	1	1.9	-2.7	Less than 40 reports
UBLX	100	7	2.8	-2.2	Bias reduced
UCMQ	87	0	2.0	-0.6	Bias reduced
UCUP	90	0	1.8	0.0	Bias reduced
UHJU	87	0	2.1	-2.7	Bias reduced
UIAC	188	0	2.5	0.2	Bias reduced
UIAI	36	0	2.7	-0.7	Less than 40 reports
VOCJ	1317	1	2.1	2.2	Bias reduced
VRVQ9	36	15	2.4	-0.9	Less than 40 reports
V2AT1	0	---	---	---	No reports
V2IA1	90	0	3.0	-1.1	Bias reduced
V2MA3	143	0	1.8	-0.3	Bias reduced
V7DU4	0	---	---	---	No reports
WPVD	781	0	1.1	2.3	Bias reduced
YJQL3	218	1	2.1	-2.9	Bias reduced
21534	0	---	---	---	No reports
21902	0	---	---	---	No reports
23906	0	---	---	---	No reports
23968	0	---	---	---	No reports
3EBX6	117	0	1.0	1.5	Bias reduced
31975	0	---	---	---	No reports
32526	0	---	---	---	No reports
32540	0	---	---	---	No reports
32907	0	---	---	---	No reports
32922	0	---	---	---	No reports
32973	0	---	---	---	No reports
33629	0	---	---	---	No reports
42044	0	---	---	---	No reports
44004	3985	0	1.0	-0.5	Bias and SD reduced
44007	3759	0	1.0	-0.5	Bias reduced
44008	3234	0	2.3	-1.6	Bias reduced
44013	4048	0	1.0	-0.1	Bias reduced
44030	3647	0	1.1	-0.1	Bias reduced
44031	3784	0	0.9	-0.4	Bias reduced
44032	3727	0	1.3	-0.2	Bias reduced
44141	0	---	---	---	No reports

Continued →

Identifier	N Obs.	NGE	SD	Bias	Comments
44150	3049	0	1.9	0.4	Bias reduced
45002	693	0	1.6	1.6	Bias reduced
45003	1035	0	1.6	-0.9	Bias reduced
45012	1123	0	1.4	-0.1	Bias reduced
45151	2291	0	1.7	2.5	Bias reduced
45154	2190	2	1.3	1.1	Bias reduced
46015	829	0	2.2	-1.6	Bias reduced
46027	1355	0	1.4	-0.6	Bias reduced
46050	1354	0	1.8	-1.3	Bias reduced
51678	0	---	---	---	No reports
51756	0	---	---	---	No reports
51757	0	---	---	---	No reports
51832	0	---	---	---	No reports
51835	0	---	---	---	No reports
51909	0	---	---	---	No reports
52521	0	---	---	---	No reports
52533	0	---	---	---	No reports
55901	0	---	---	---	No reports
55905	0	---	---	---	No reports
61657	0	---	---	---	No reports
61663	0	---	---	---	No reports
61678	0	---	---	---	No reports
62507	0	---	---	---	No reports
64522	0	---	---	---	No reports
64553	0	---	---	---	No reports
9VVN	17	1	2.4	-0.8	Less than 40 reports

Figure 1: Number of observations of pressure received at Bracknell on the GTS for each of the six-month periods covered by the WMO reports on the quality of marine surface observations

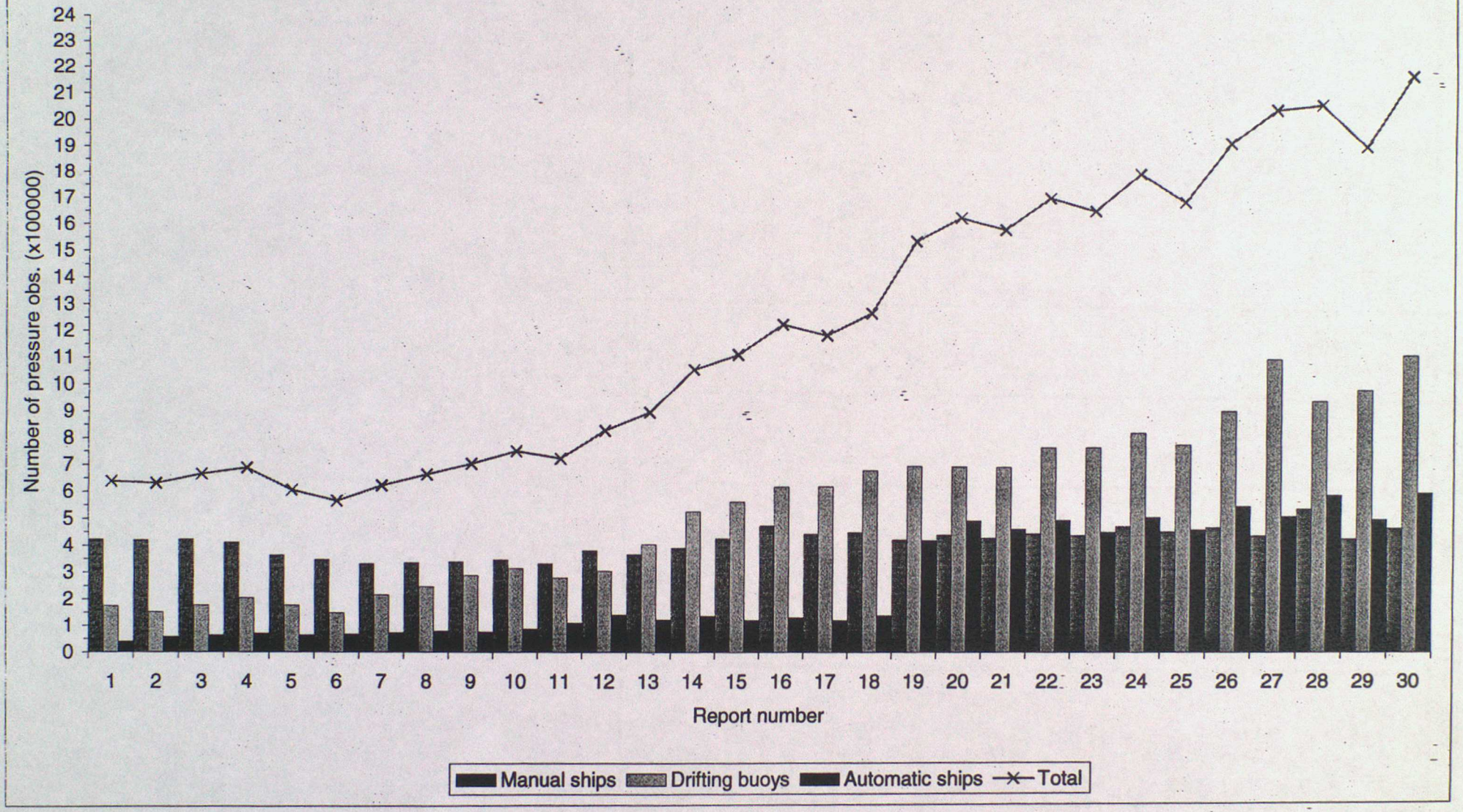
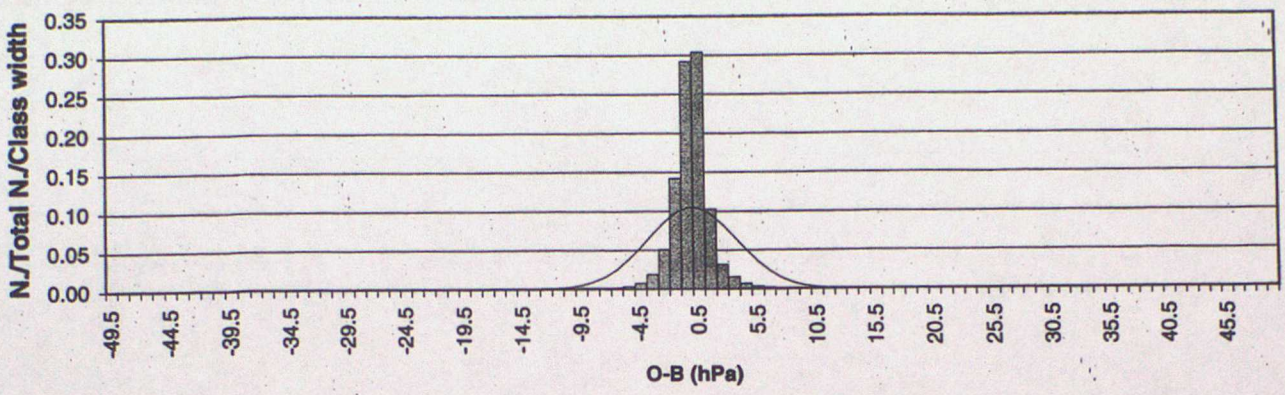
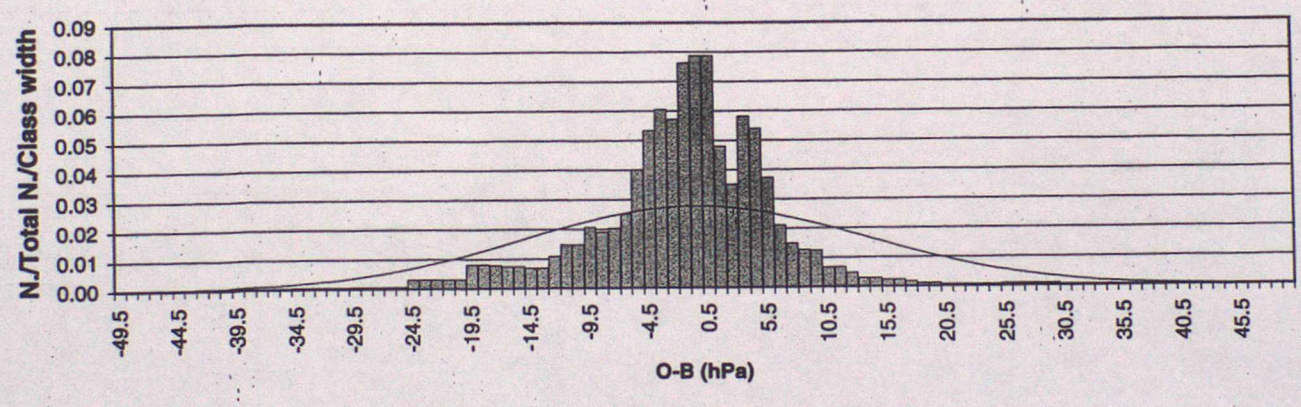


Figure 2a: Distribution of ship O-B pressure (hPa)
Period of data: July-Dec 2003 Data used: All observations



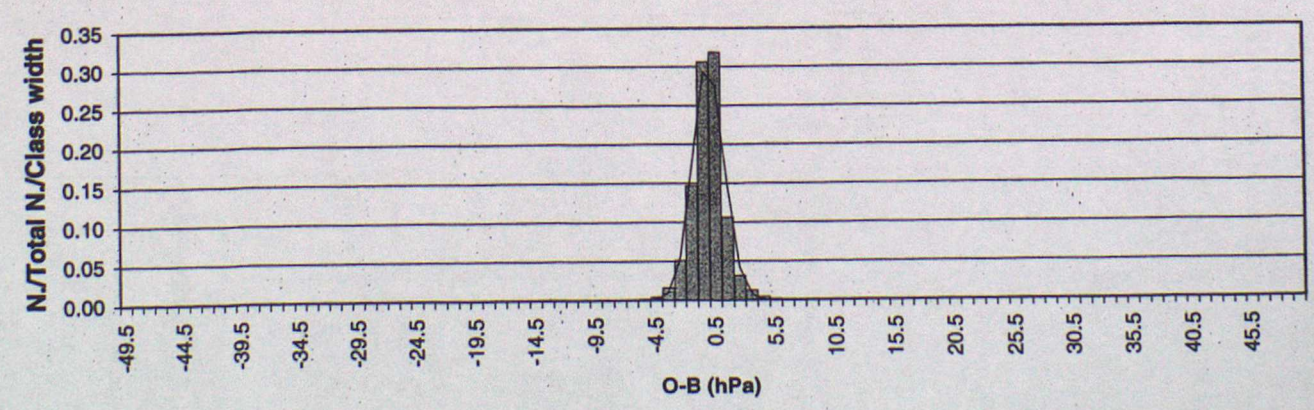
Mean O-B = -0.1 SD O-B = 3.8

Figure 2b: Distribution of ship O-B pressure (hPa)
Period of data: July-Dec 2003 Data used: Flagged observations



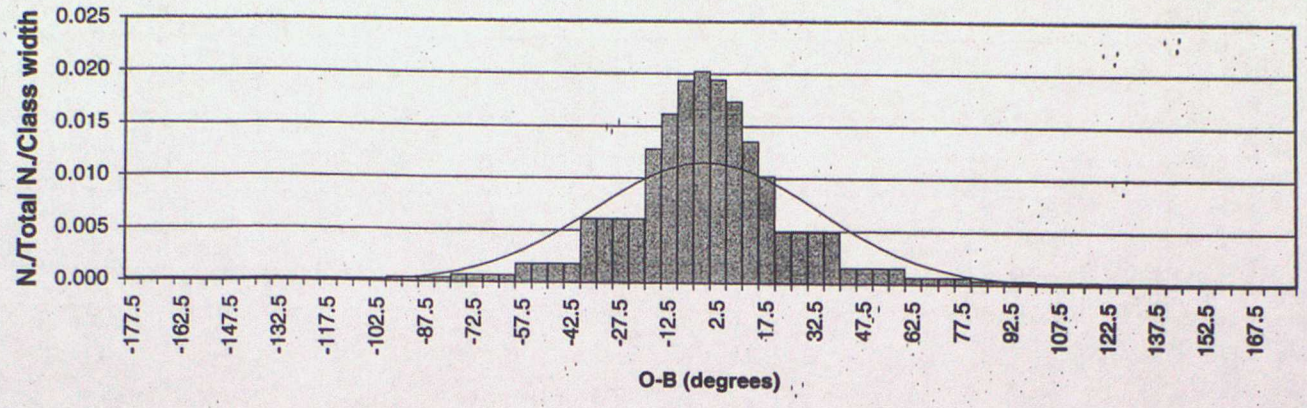
Mean O-B = -0.6 SD O-B = 14.4

Figure 2c: Distribution of ship O-B pressure (hPa)
Period of data: July-Dec 2003 Data used: Unflagged observations



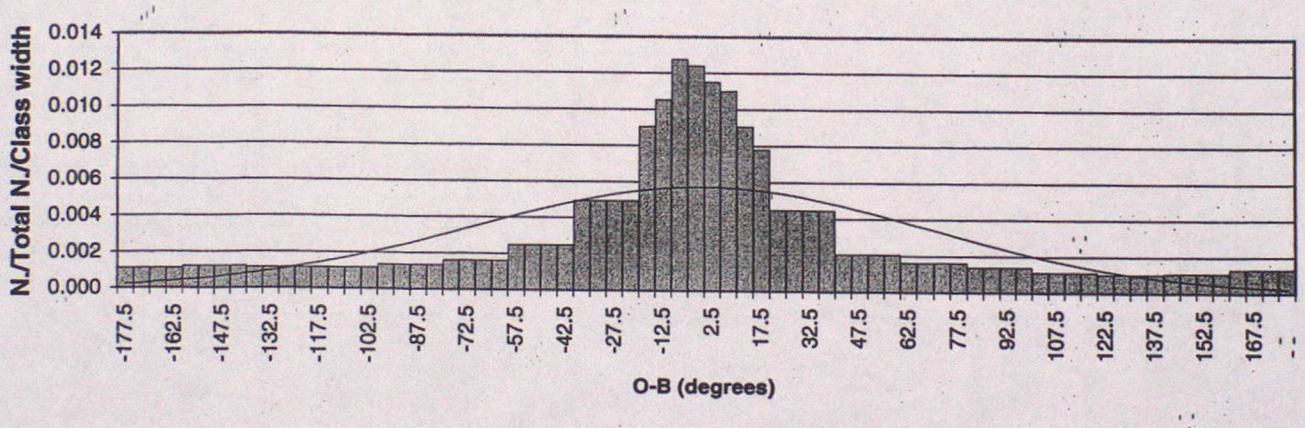
Mean O-B = -0.1 SD O-B = 1.3

Figure 2g: Distribution of ship O-B wind direction (degrees)
Period of data: July-Dec 2003 Data used: All observations



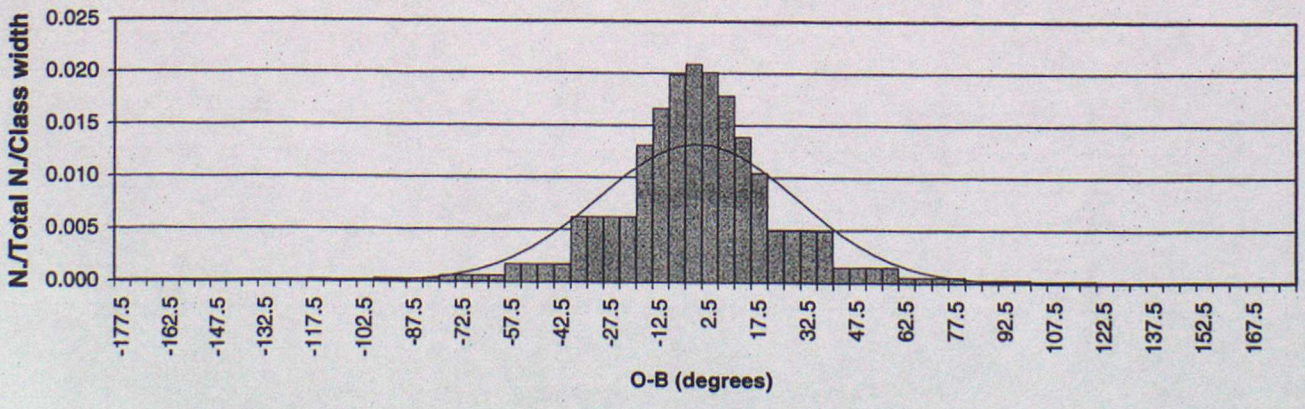
Mean O-B = -1.5 SD O-B = 34.7

Figure 2h: Distribution of ship O-B wind direction (degrees)
Period of data: July-Dec 2003 Data used: Flagged observations



Mean O-B = -1.0 SD O-B = 69.8

Figure 2i: Distribution of ship O-B wind direction (degrees)
Period of data: July-Dec 2003 Data used: Unflagged observations



Mean O-B = -1.5 SD O-B = 30.3

Figure 3: Bias of Ship O-B Pressure (hPa). Date:- July - December 2003
Only observations passing quality control used in statistics
Contours drawn to 10 degree boxes, if the number of observations is greater than 10
Shaded areas have a bias of magnitude greater than 0.5 hPa

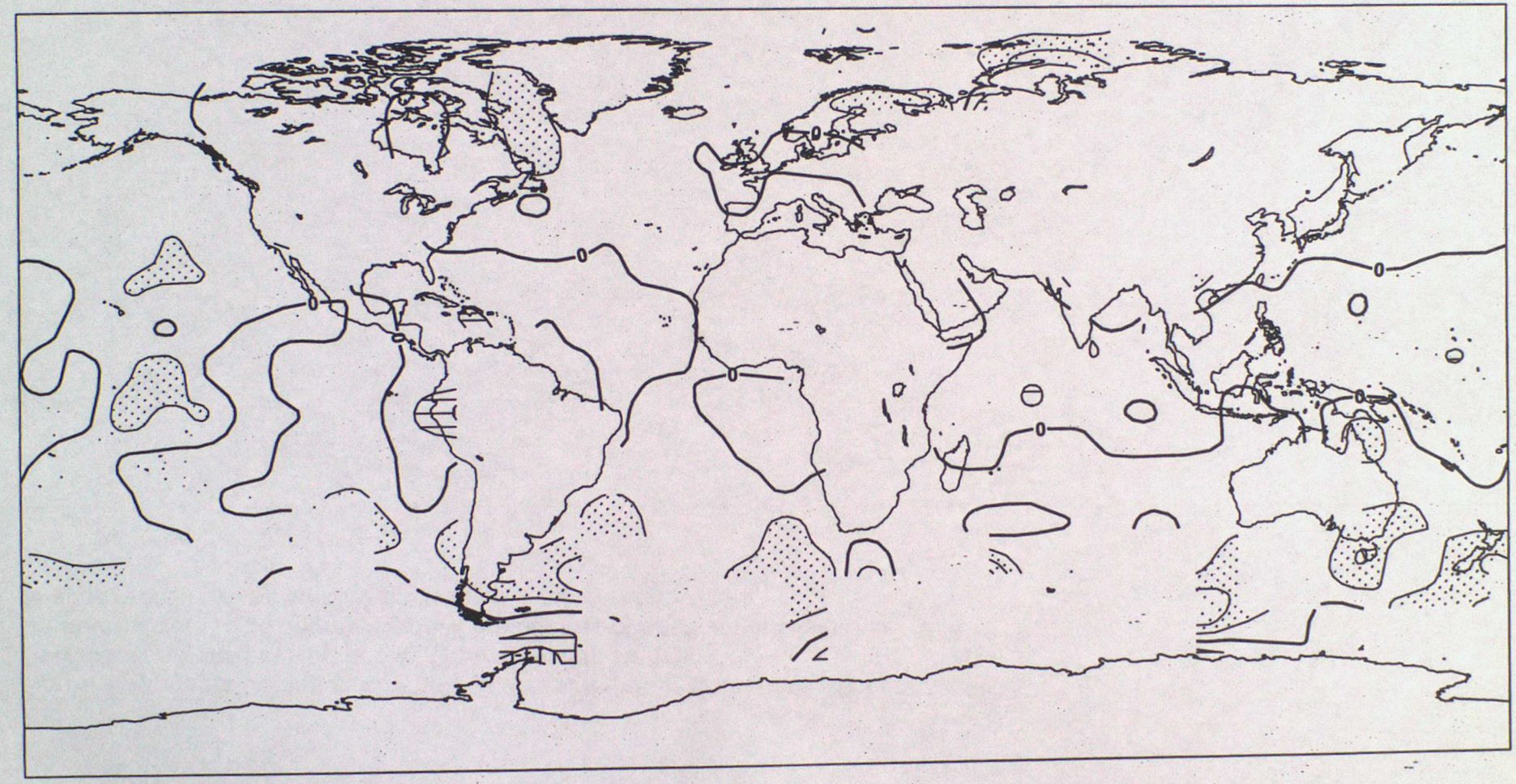


Figure 4: Standard Deviation of Ship O-B Pressure (hPa). Date:- July - December 2003
Only Observations passing quality control used in statistics
Contours drawn to 10 degree boxes, if the number of observations is greater than 10
Shaded areas have a standard deviation of greater than 2.0 hPa

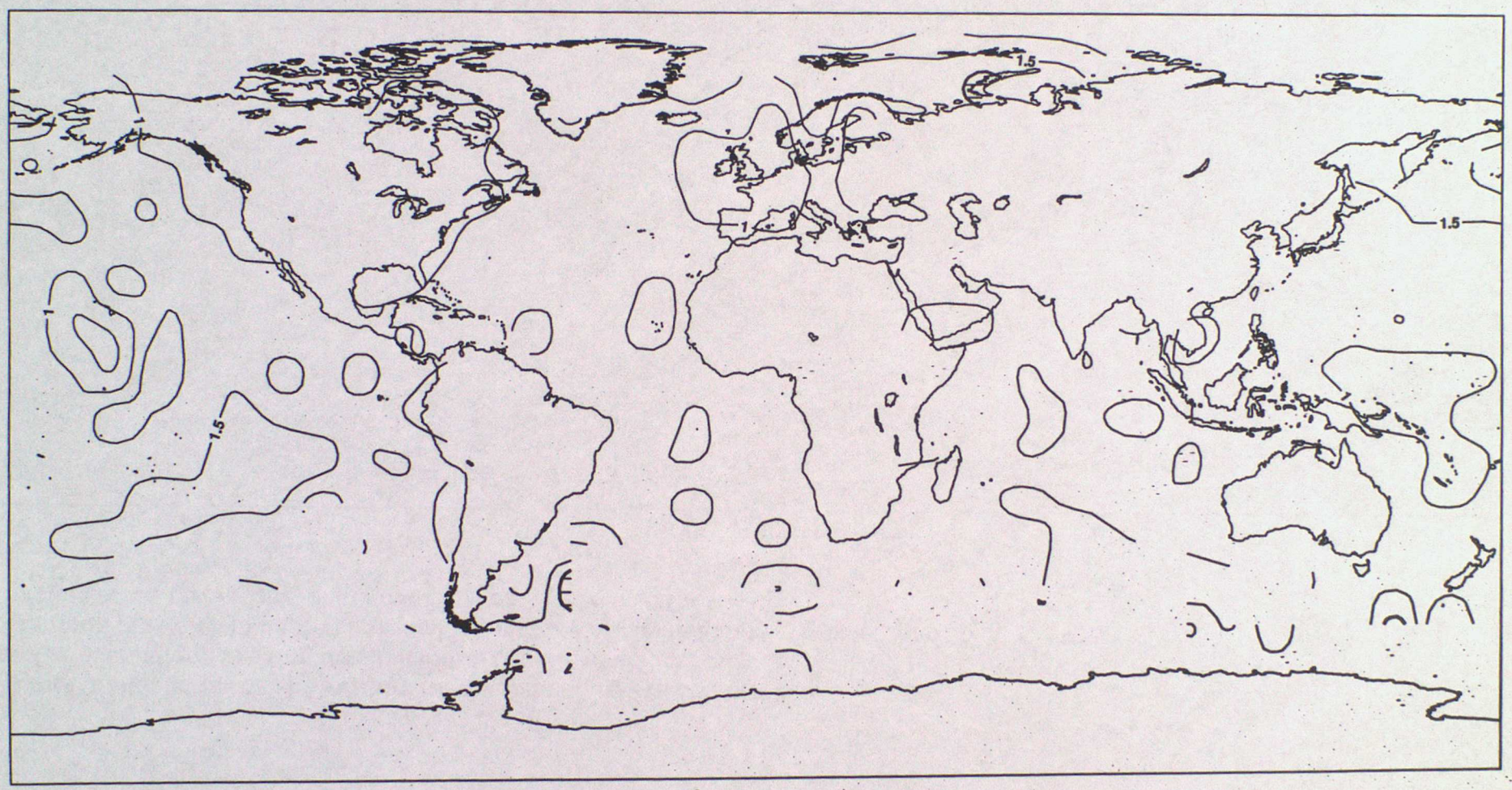


Figure 5:
Plot of the Number of Ship Pressure Observations. Date:- July - December 2003
Only observations passing quality control included

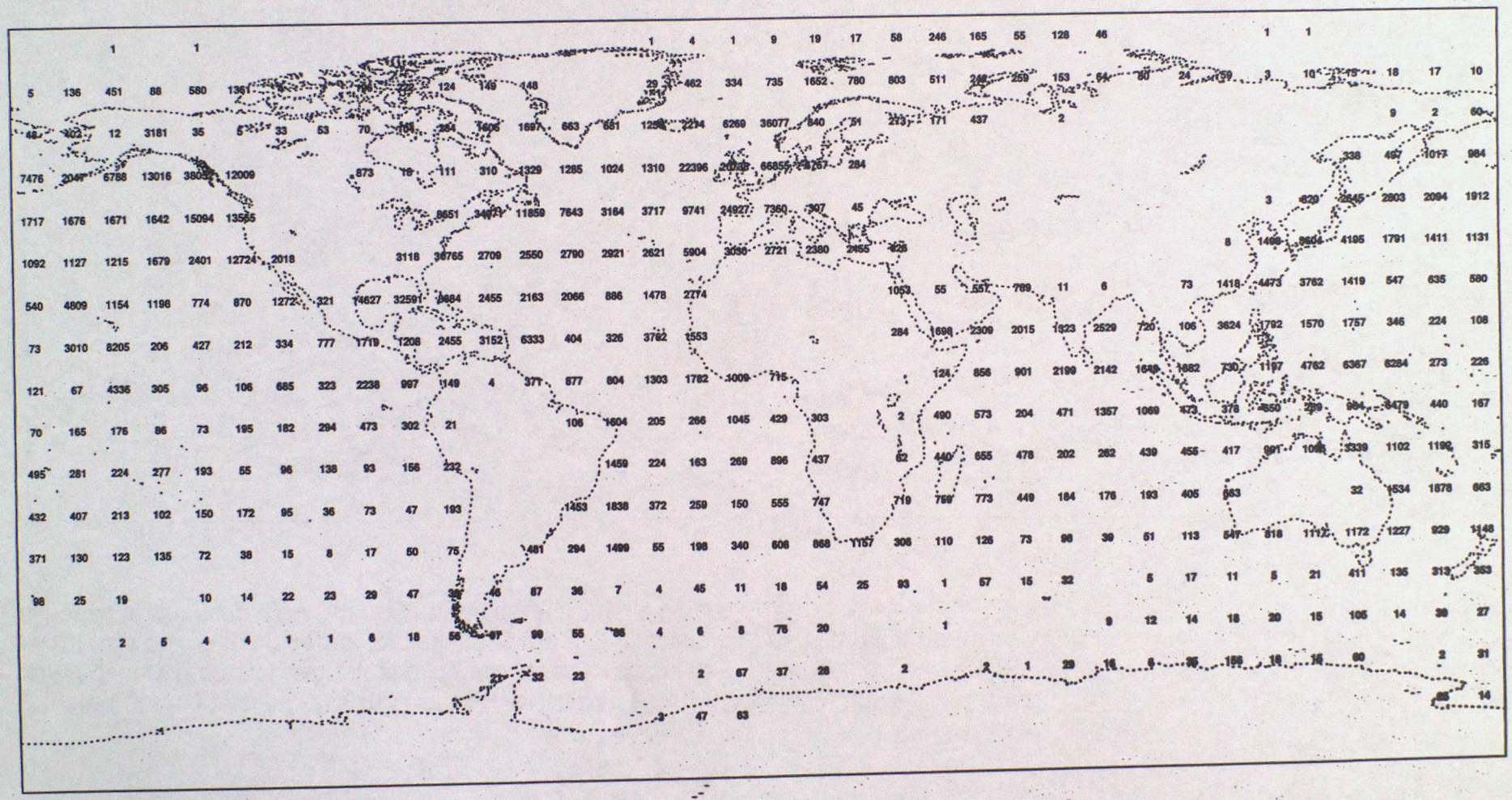


Figure 6: Bias of Ship O-B Wind Speed (ms-1). Date:- July - December 2003
Only observations passing quality control used in statistics
Contours drawn to 10 degree boxes, if the number of observations is greater than 10
Shaded areas have a bias of magnitude greater than 2.0 ms-1

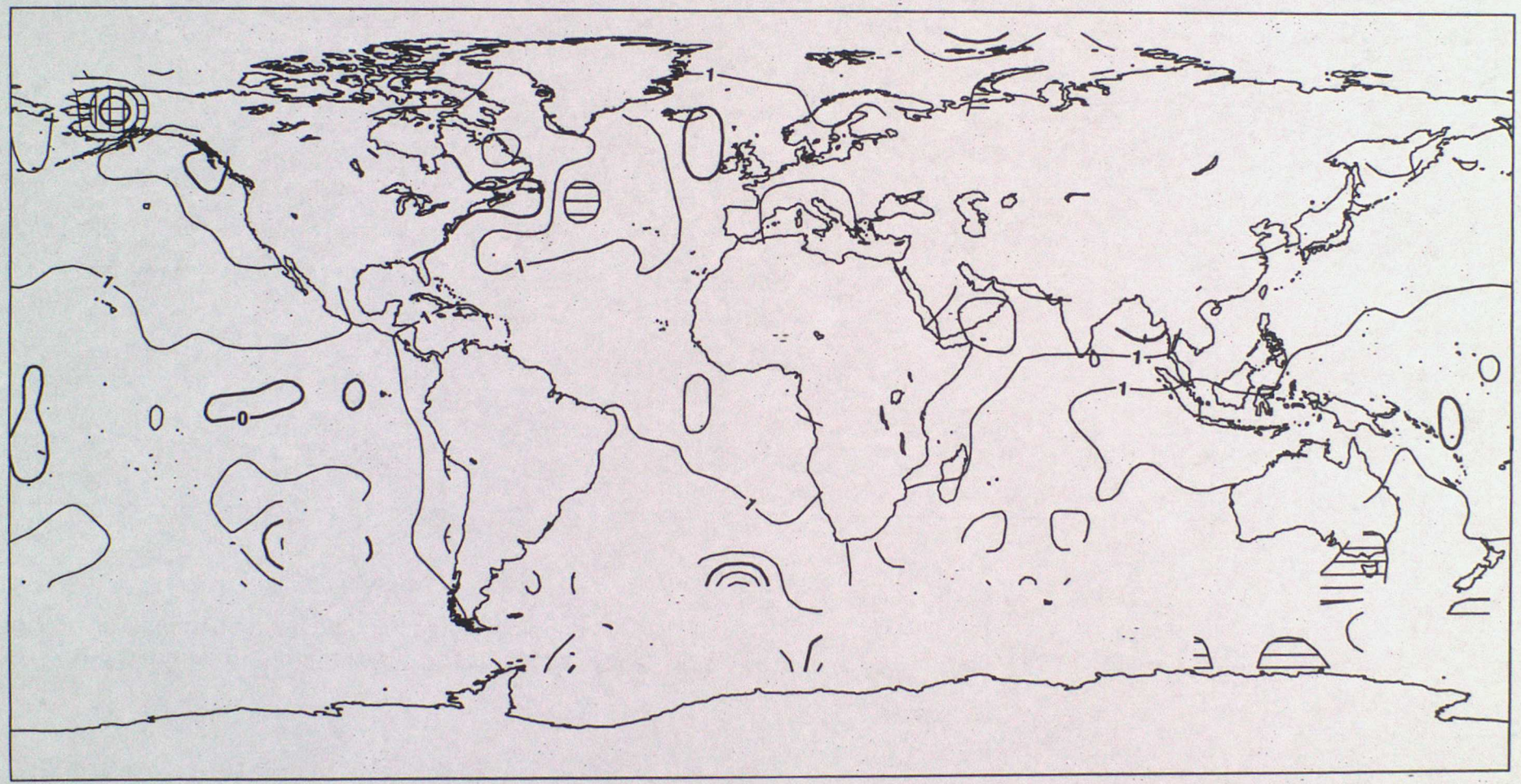


Figure 7: Standard Deviation of Ship O-B Wind Speed (ms-1). Date:- July - December 2003
Only Observations passing quality control used in statistics
Contours drawn to 10 degree boxes, if the number of observations is greater than 10
Shaded areas have a standard deviation of greater than 4.0 ms-1

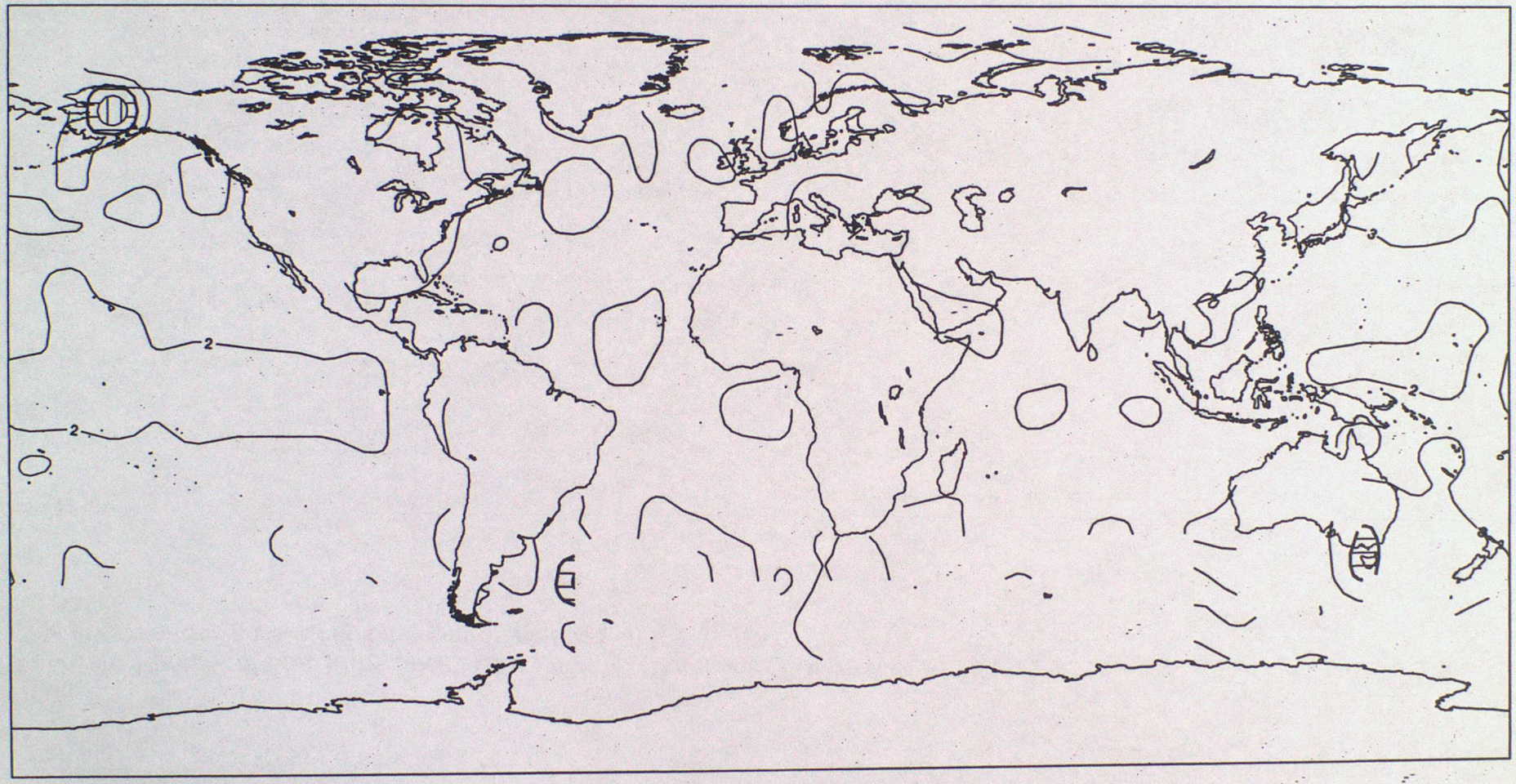


Figure 8:
Plot of the Number of Ship Wind Speed Observations. Date:- July - December 2003
Only observations passing quality control included

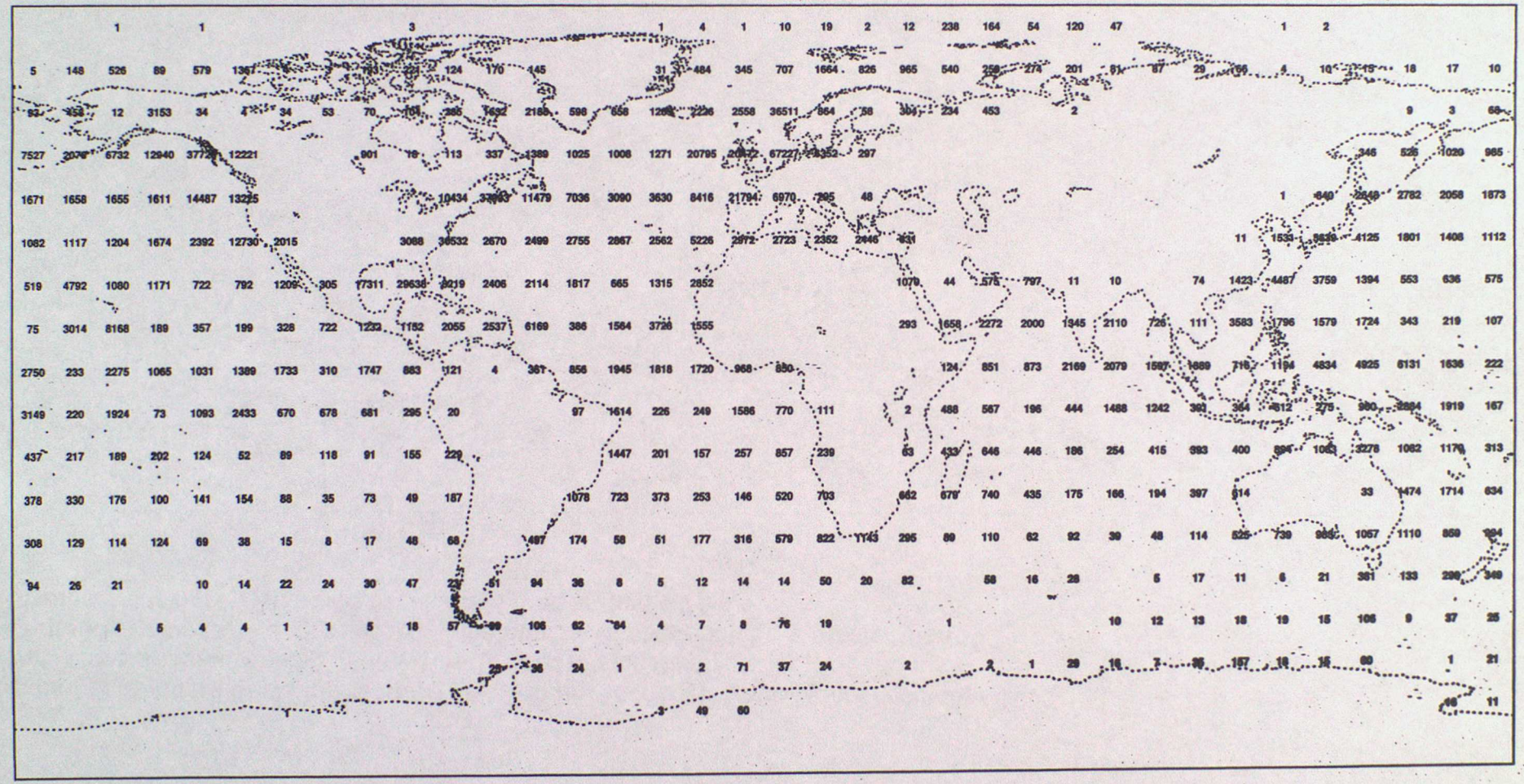


Figure 9: Bias of Ship O-B Wind Direction (degrees). Date:- July - December 2003
Only observations passing quality control used in statistics
Contours drawn to 10 degree boxes, if the number of observations is greater than 10
Shaded areas have a bias of magnitude greater than 10 degrees

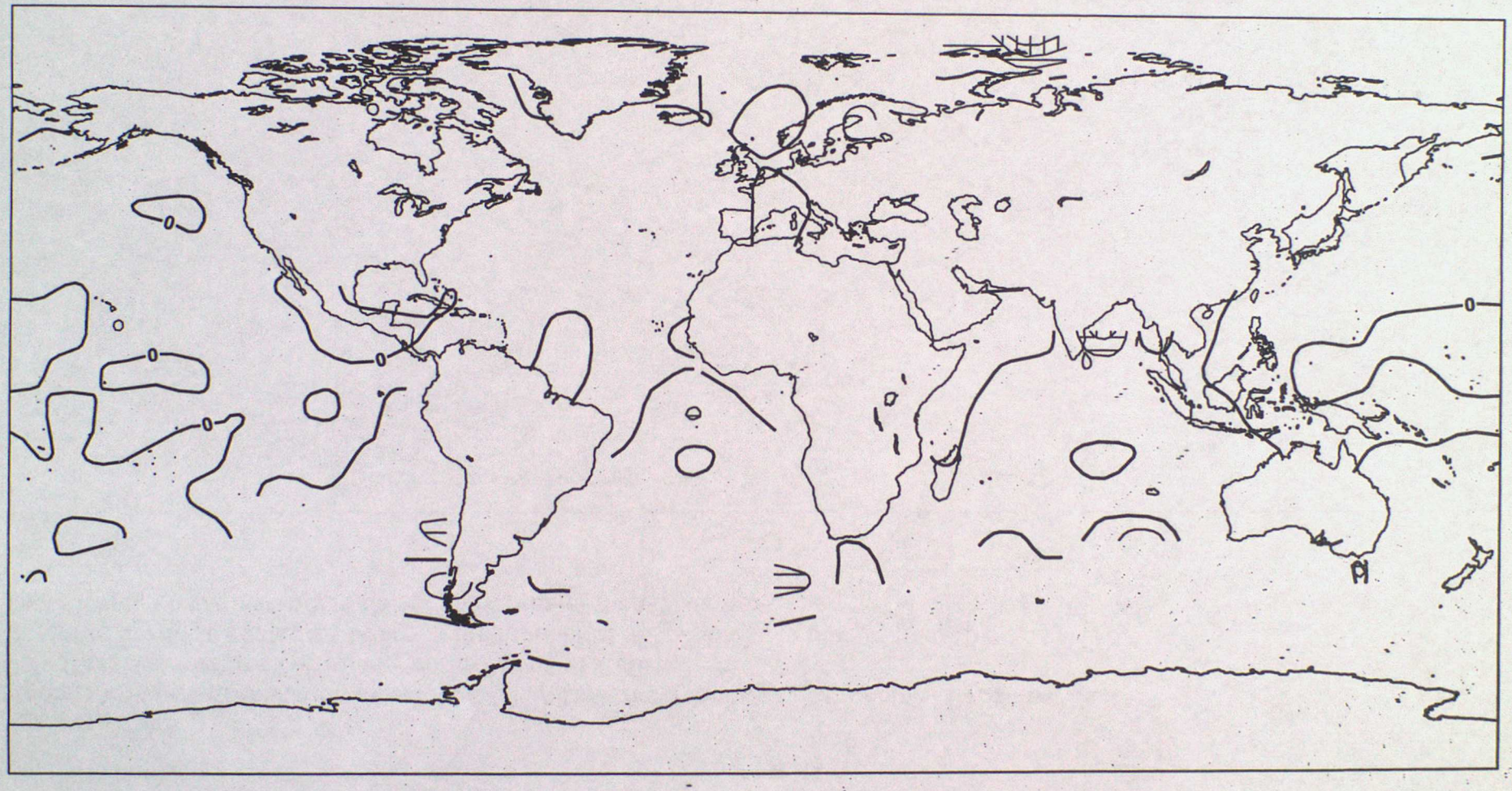


Figure 10: Standard Deviation of Ship O-B Wind Direction (degrees). Date:- July - December 2003
Only Observations passing quality control used in statistics
Contours drawn to 10 degree boxes, if the number of observations is greater than 10
Shaded areas have a standard deviation of greater than 40 degrees

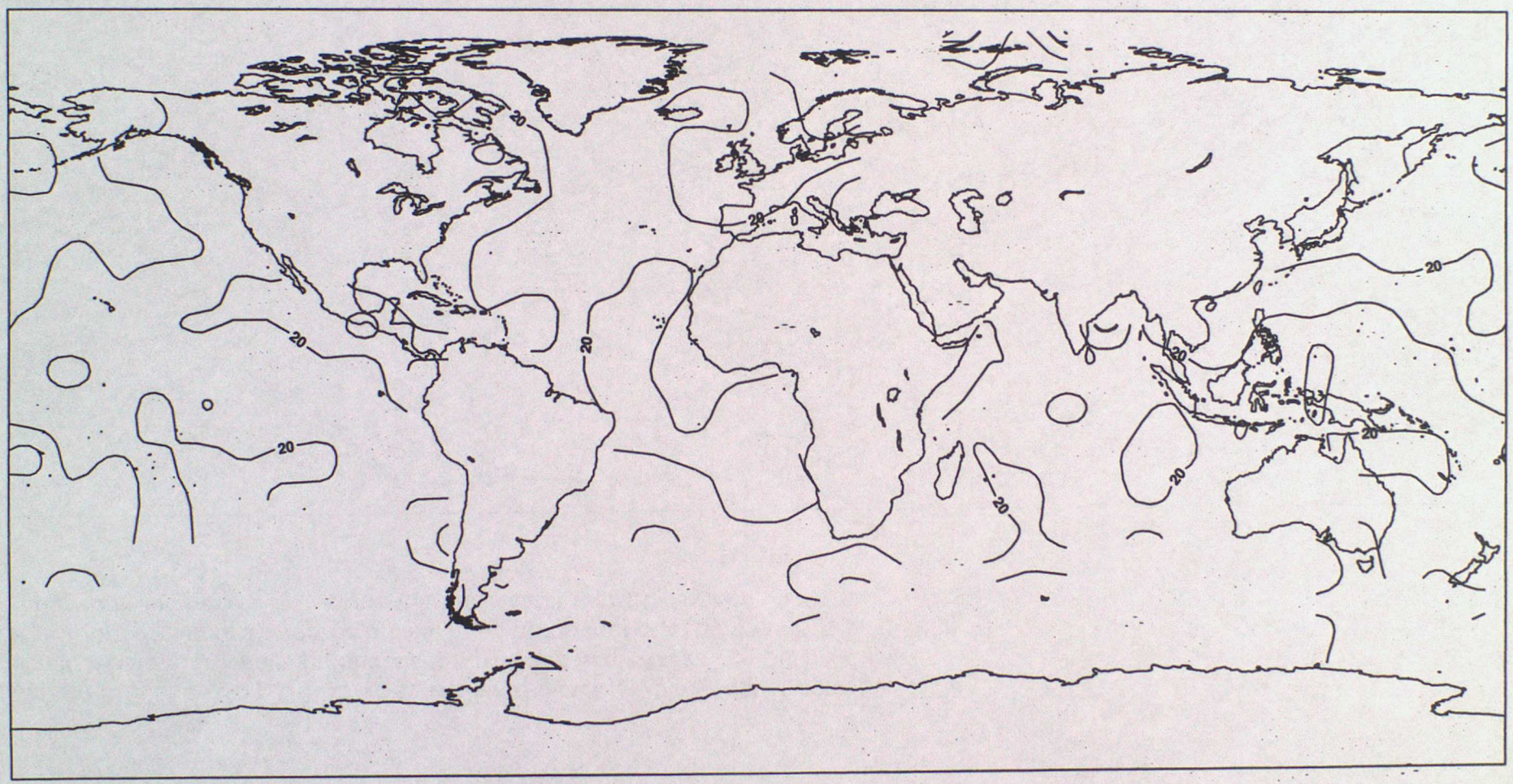


Figure 11:
Plot of the Number of Ship Wind Direction Observations. Date:- July - December 2003
Only observations passing quality control included

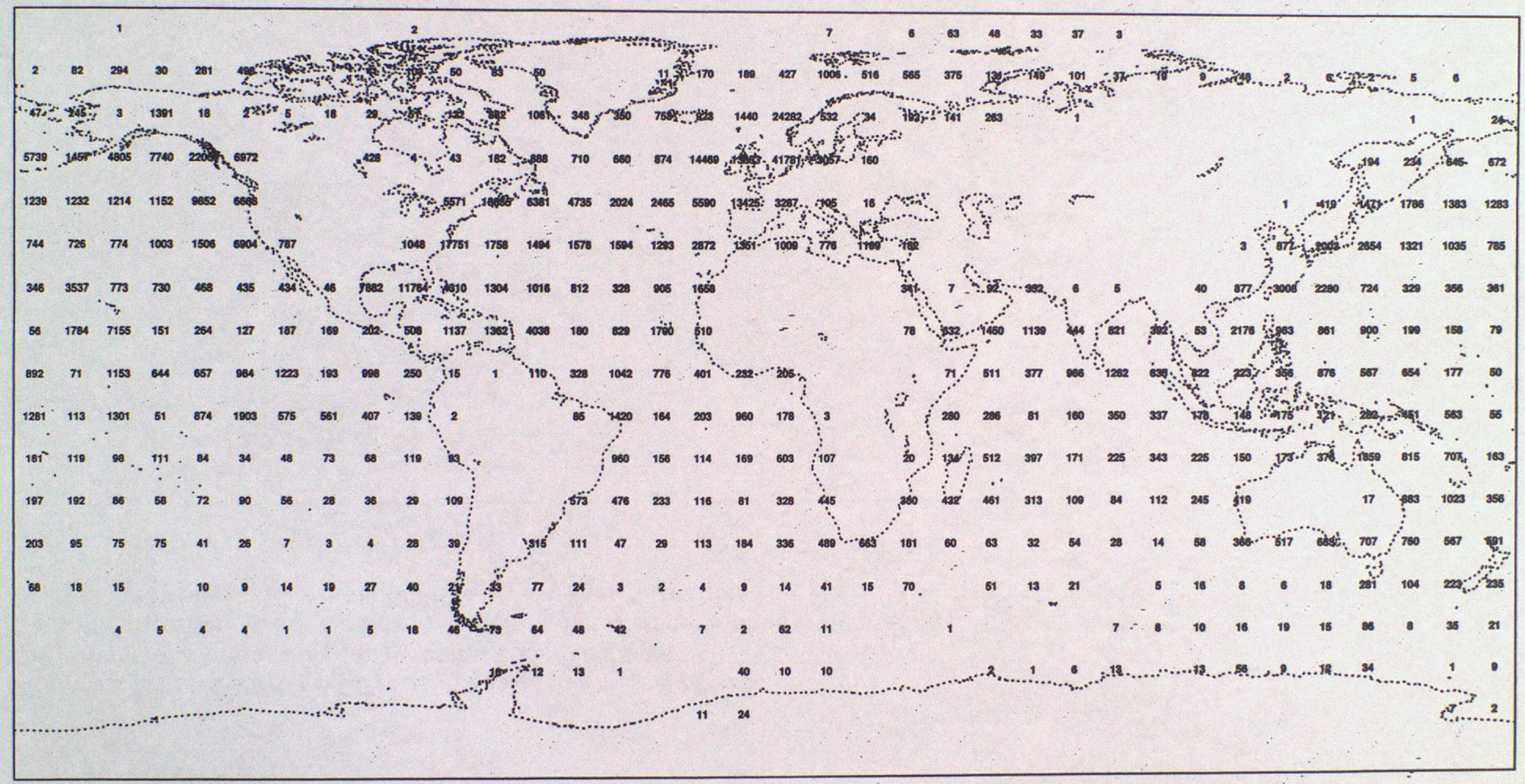


Figure 12: Bias of Ship O-B SST (degrees C). Date:- July - December 2003
Only observations passing quality control used in statistics
Contours drawn to 10 degree boxes, if the number of observations is greater than 10
Shaded areas have a bias of magnitude greater than 1.0 degree C

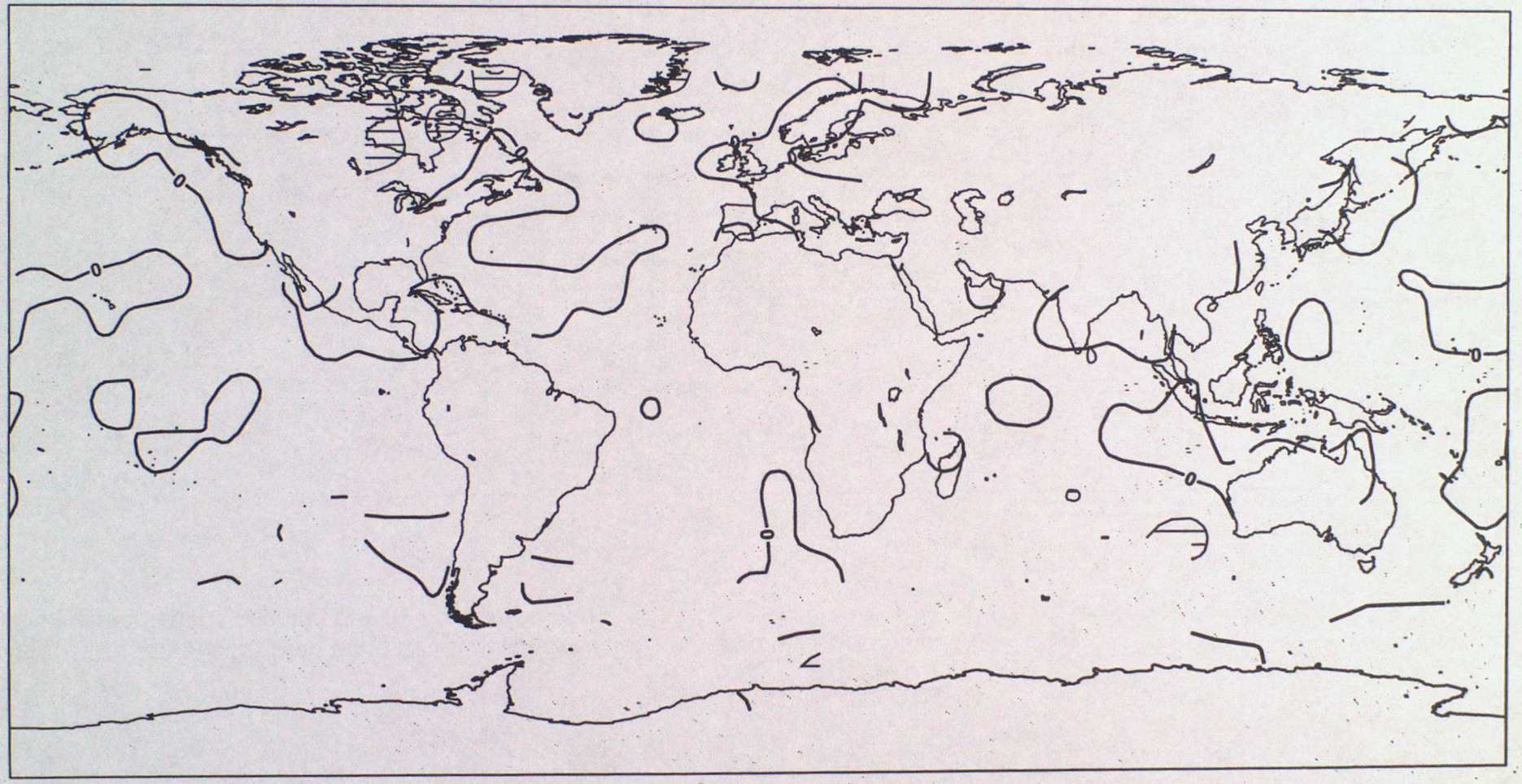


Figure 13: Standard Deviation of Ship O-B SST (degrees C). Date:- July - December 2003
Only Observations passing quality control used in statistics
Contours drawn to 10 degree boxes, if the number of observations is greater than 10
Shaded areas have a standard deviation of greater than 3.0 degrees C

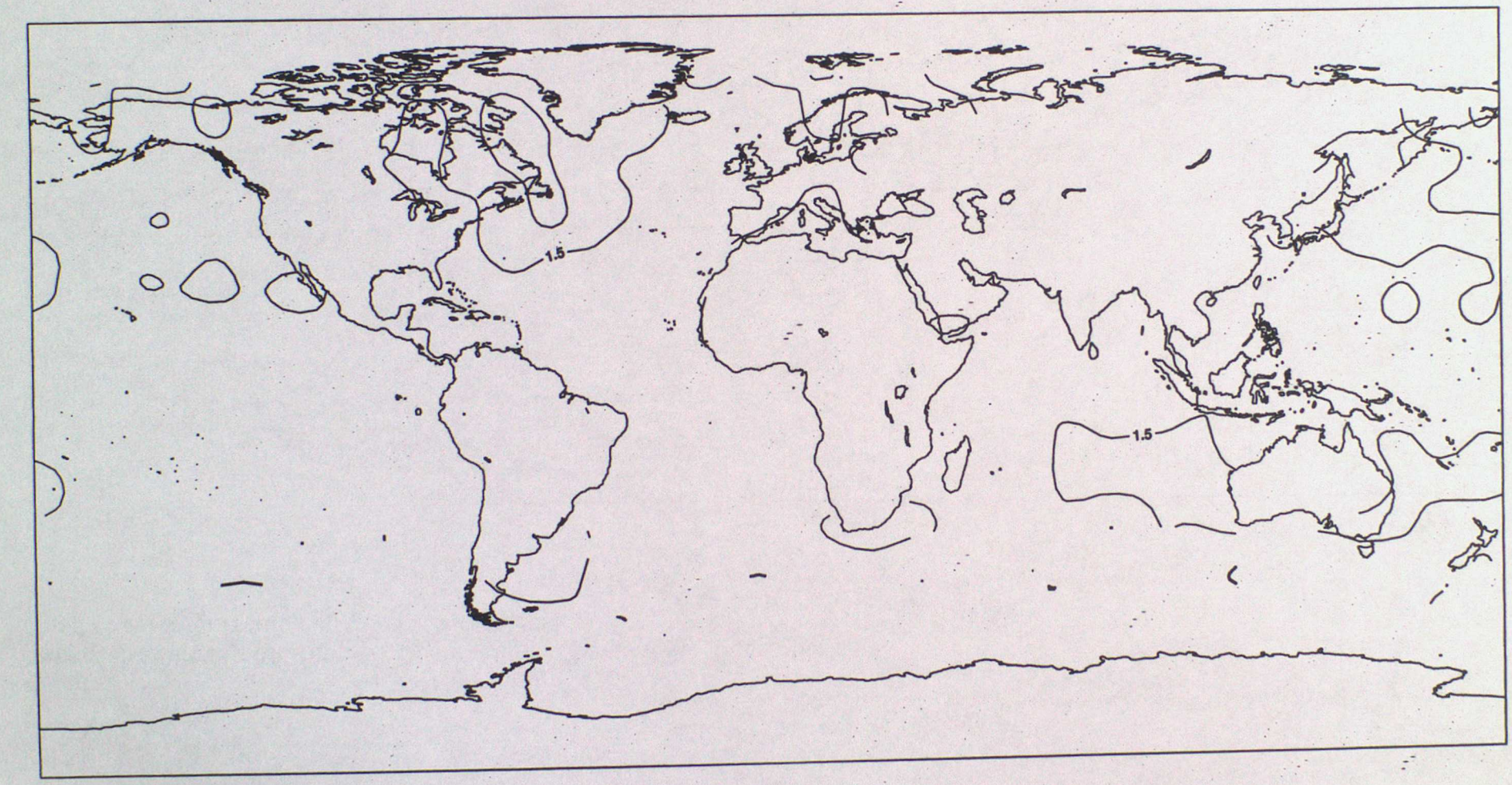
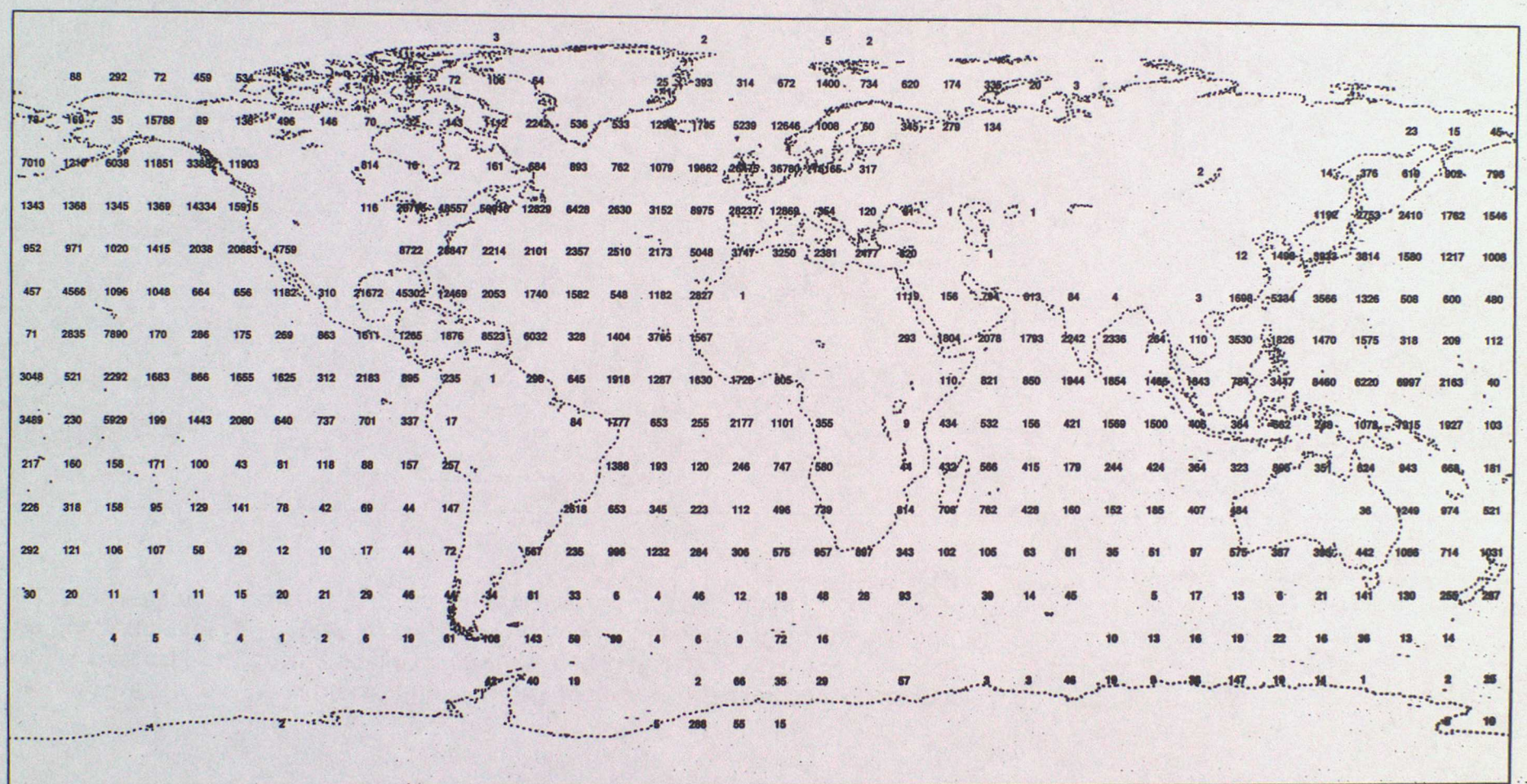
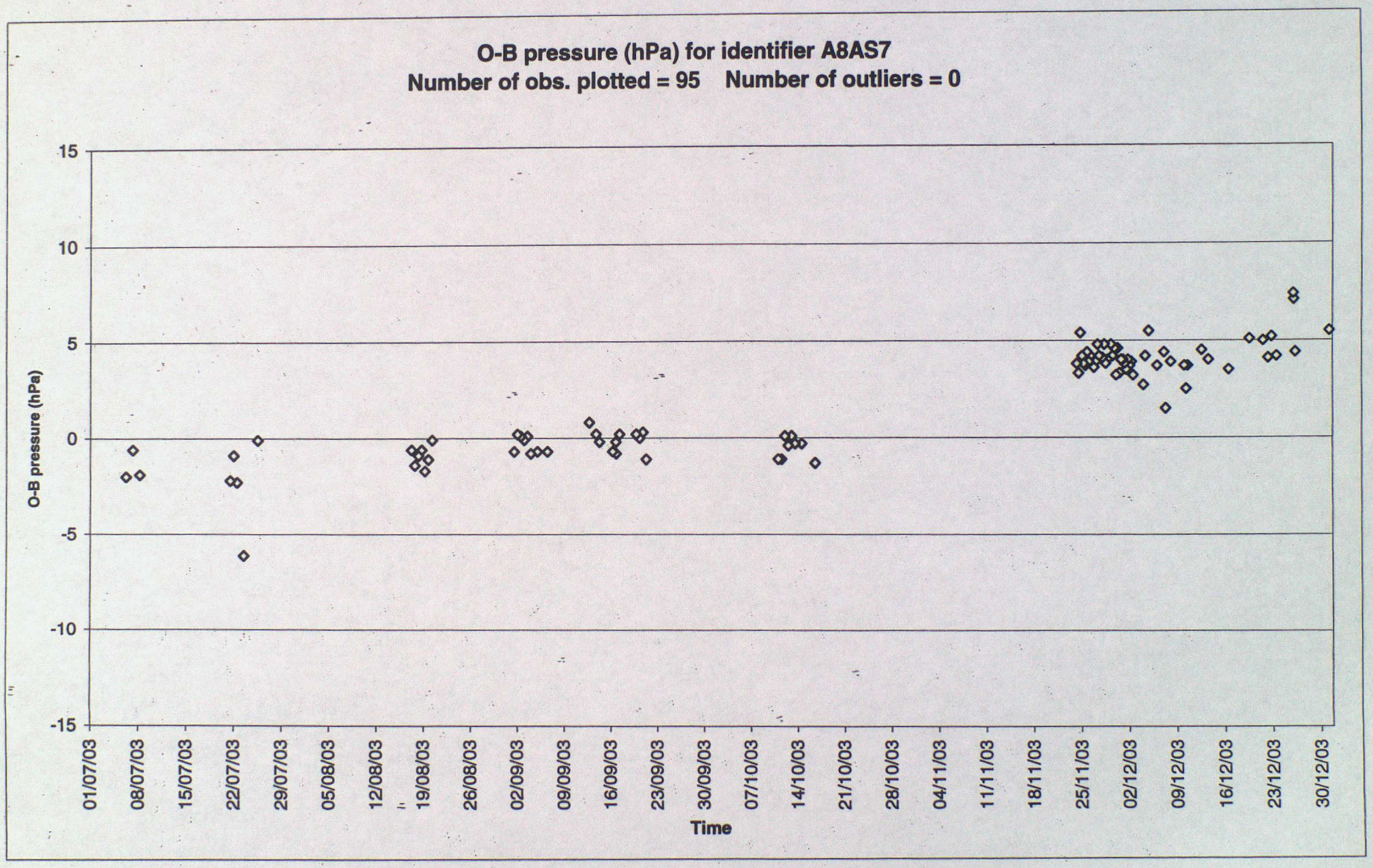


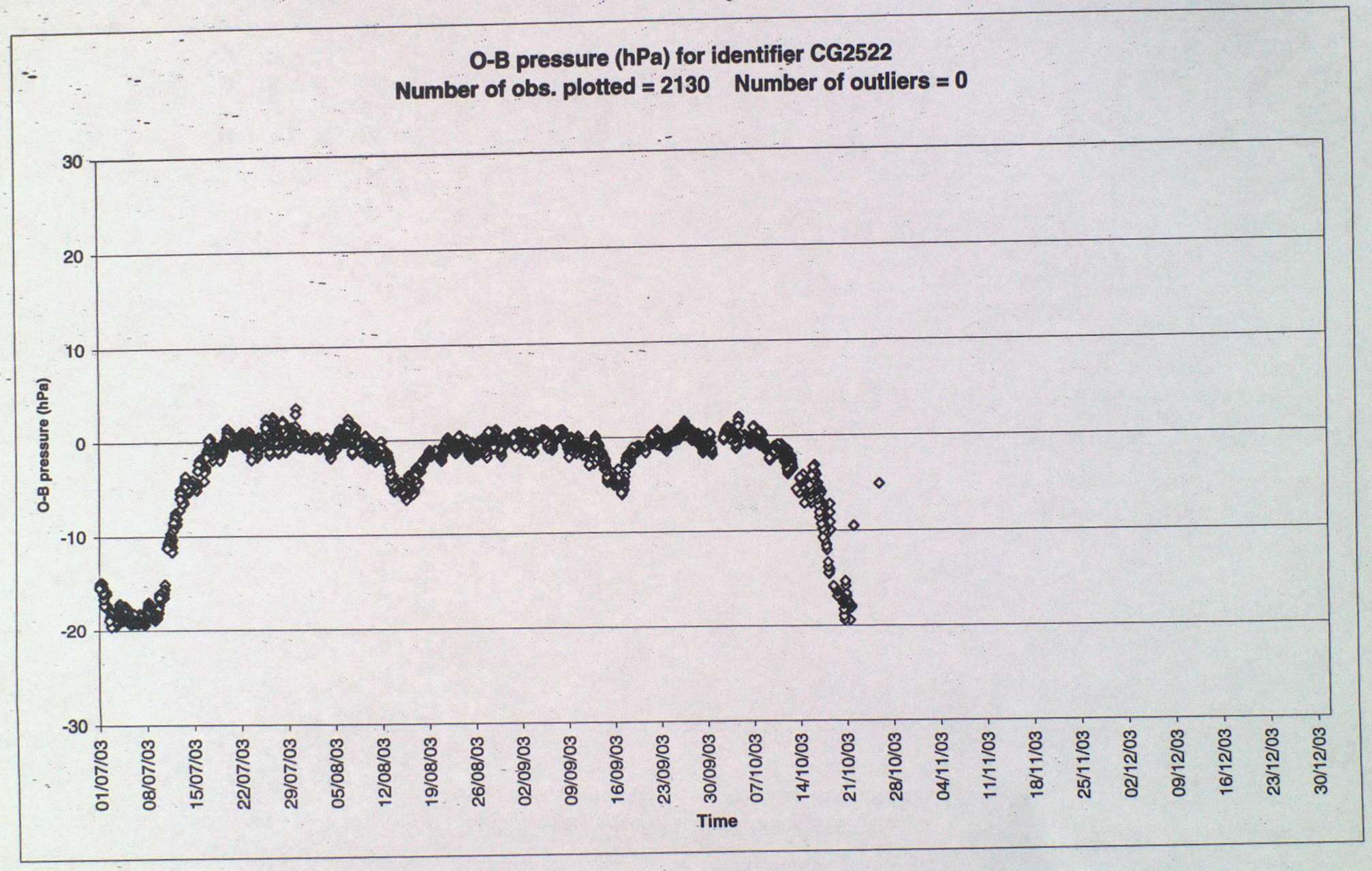
Figure 14:
Plot of the Number of Ship SST Observations. Date:- July - December 2003
Only observations passing quality control included

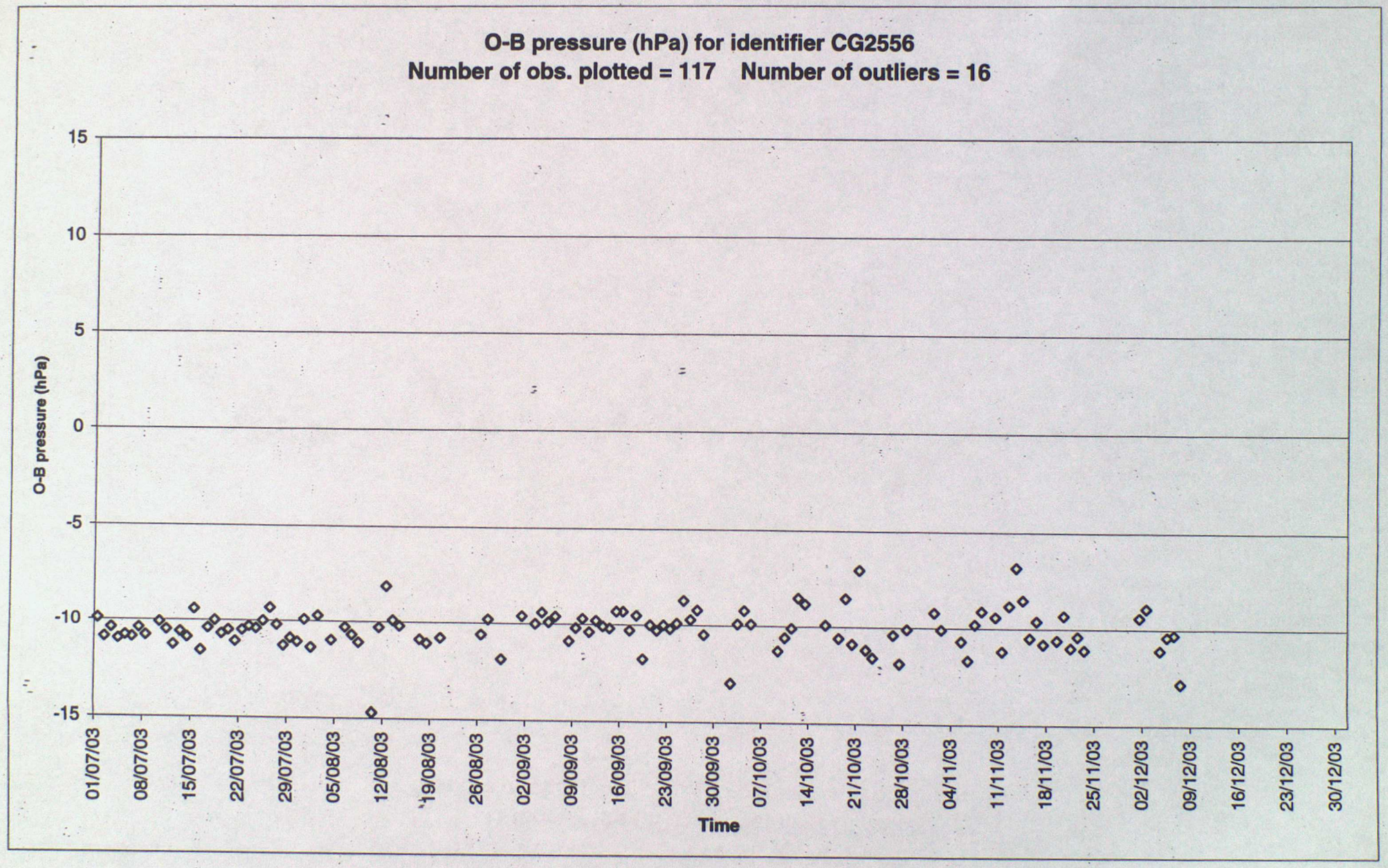


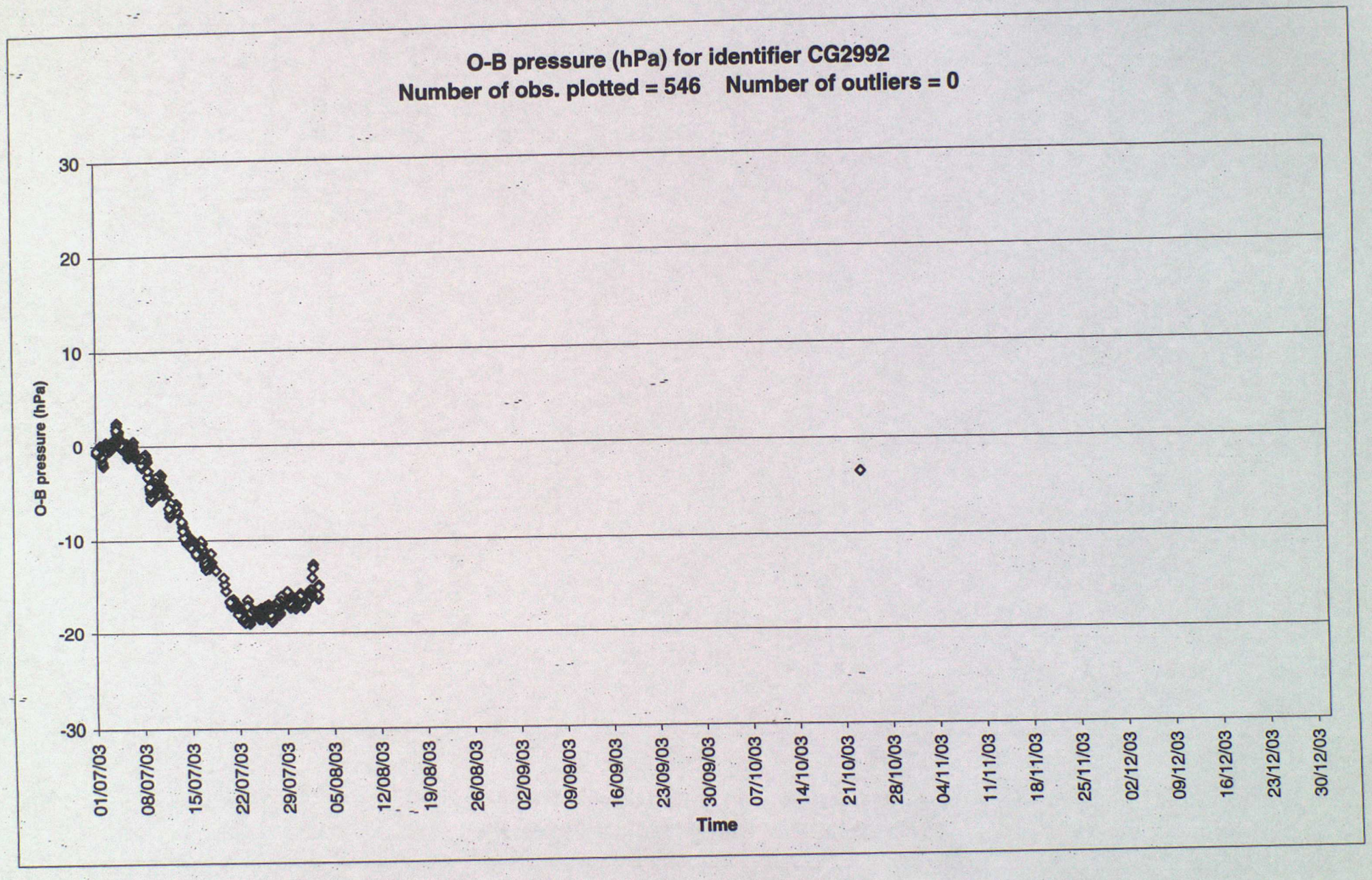

O-B pressure (hPa) for identifier A8AS7
Number of obs. plotted = 95 Number of outliers = 0
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time

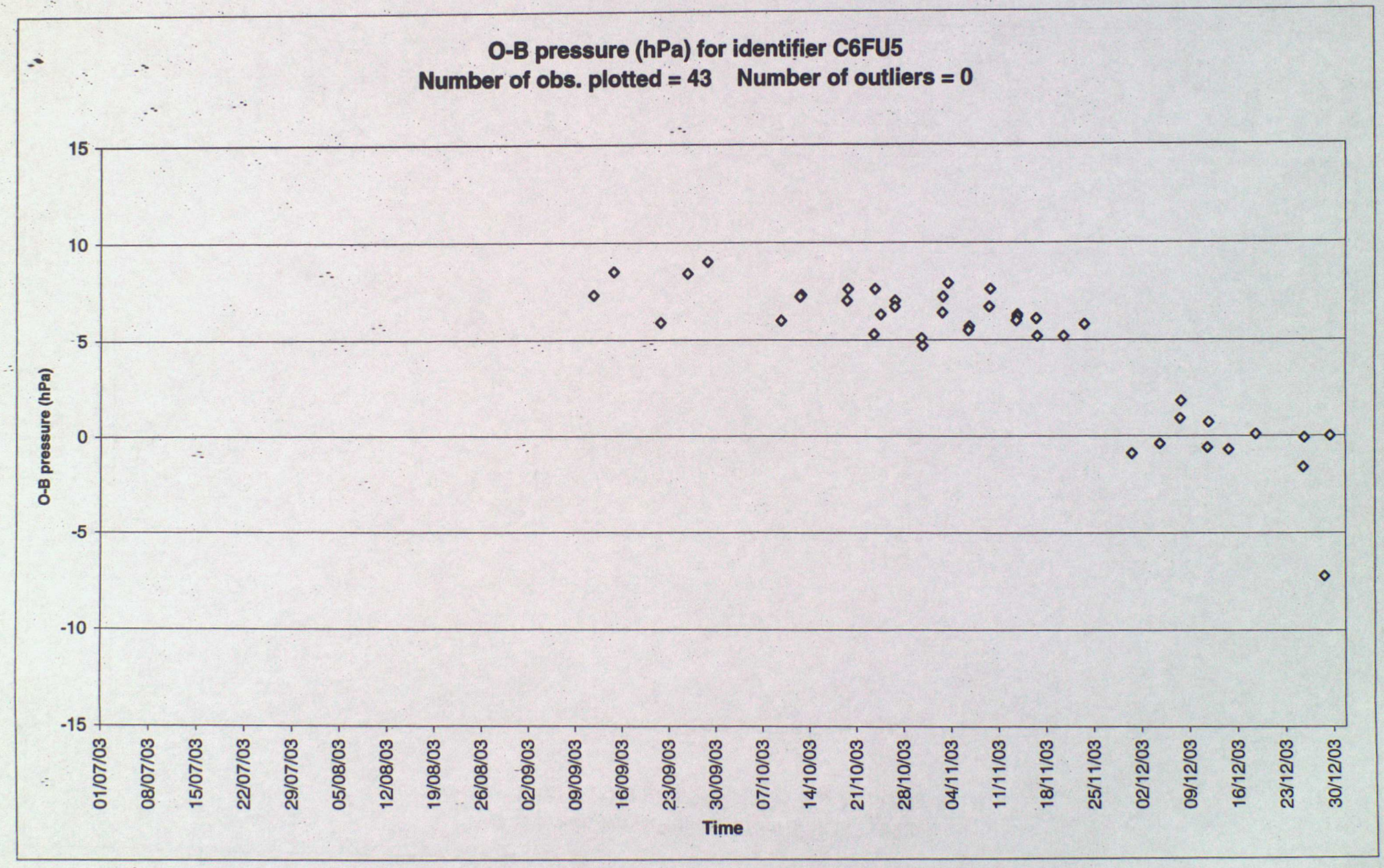
O-B pressure (hPa) for identifier A8CC4
Number of obs. plotted = 211 Number of outliers = 0
O-B pressure (hPa)
-15
-10
-5
0
5
10
15
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03

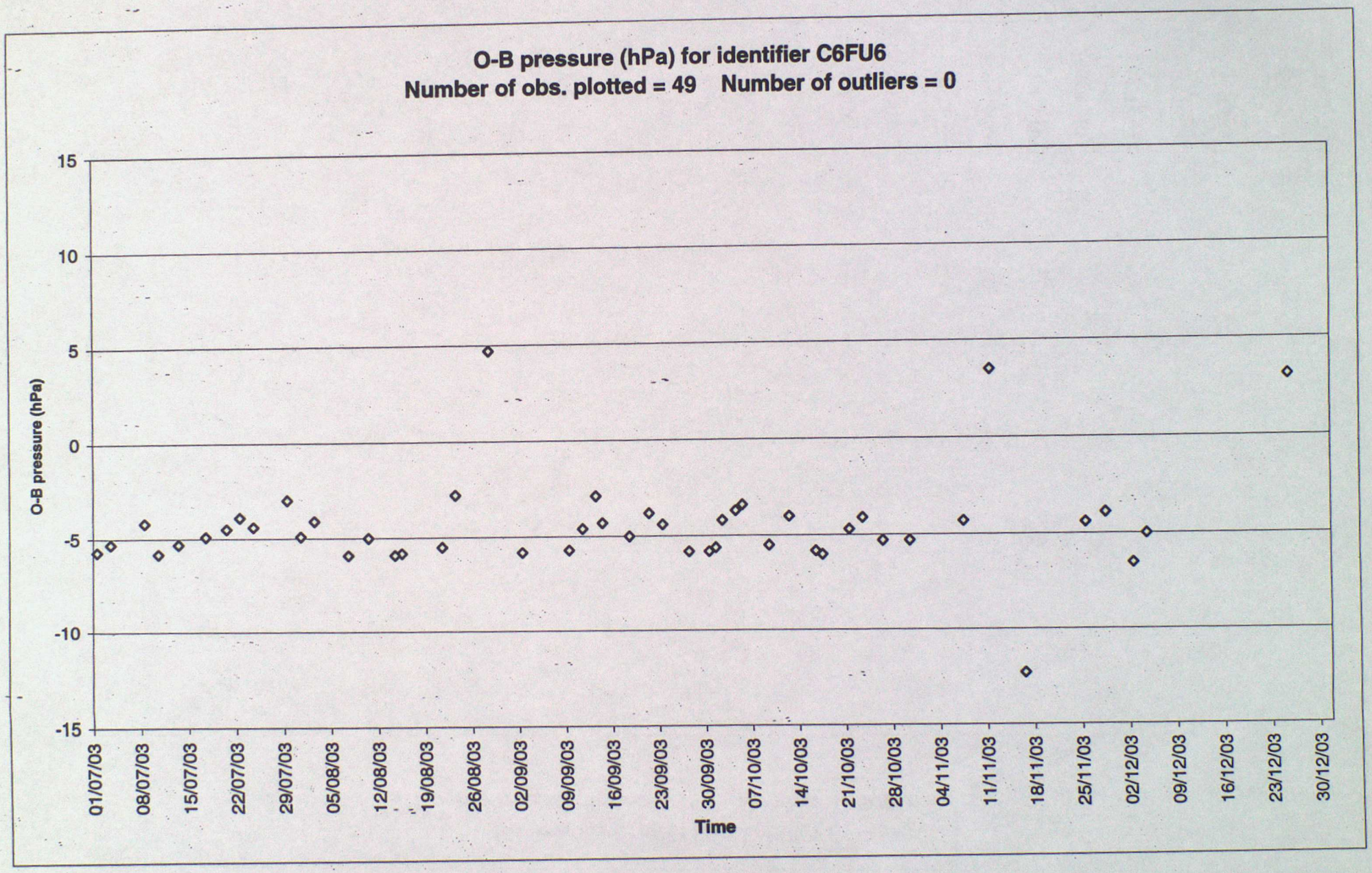
O-B pressure (hPa) for identifier A8CR9
Number of obs. plotted = 59 Number of outliers = 0
O-B pressure (hPa)
-15
-10
-5
0
5
10
15
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03

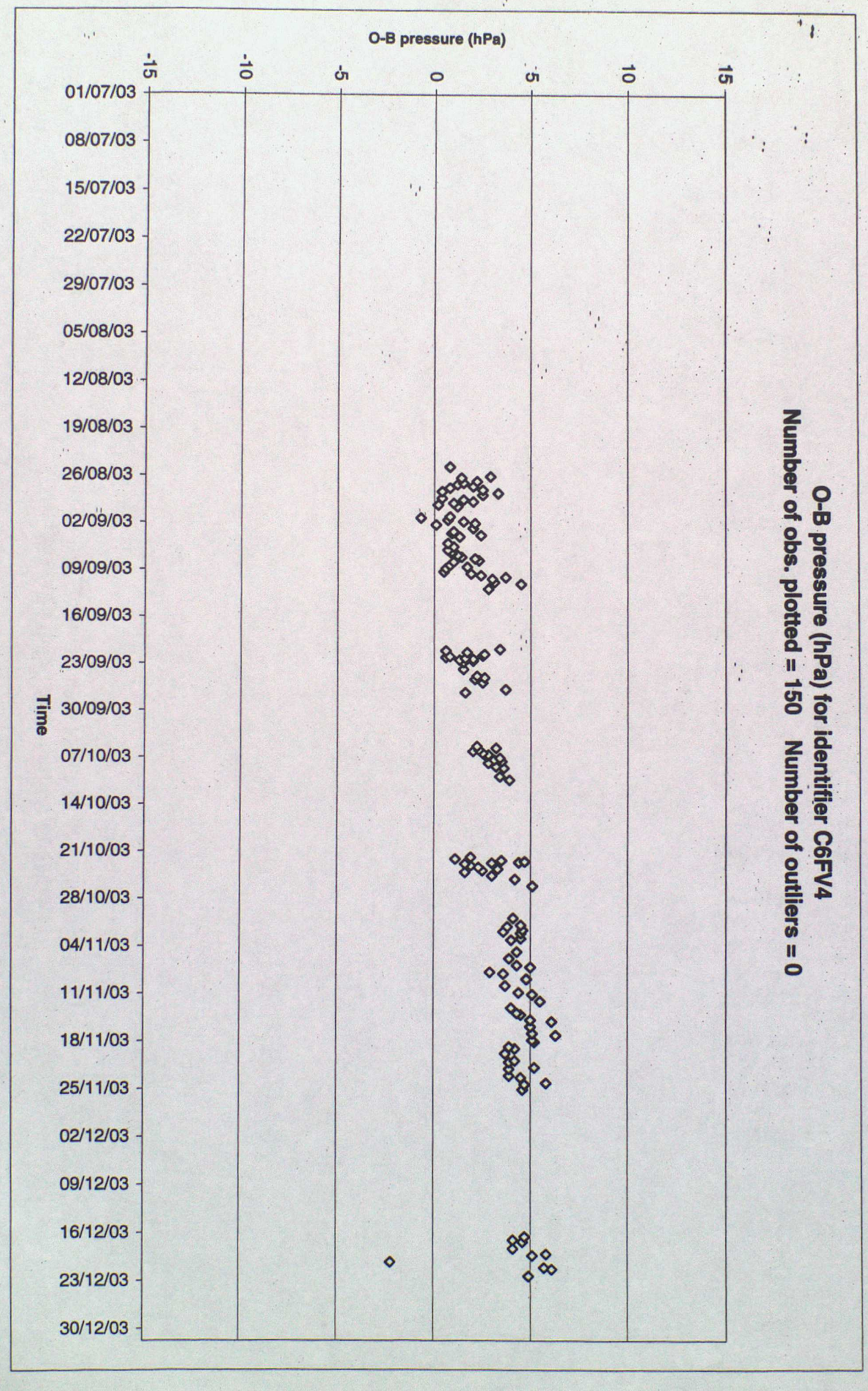

O-B pressure (hPa) for identifier CG2522
Number of obs. plotted = 2130 Number of outliers = 0
O-B pressure (hPa)
30
20
10
0
-10
-20
-30
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time


O-B pressure (hPa) for identifier CG2556
Number of obs. plotted = 117 Number of outliers = 16
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time


O-B pressure (hPa) for identifier CG2992
Number of obs. plotted = 546 Number of outliers = 0
O-B pressure (hPa)
30
20
10
0
-10
-20
-30
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time

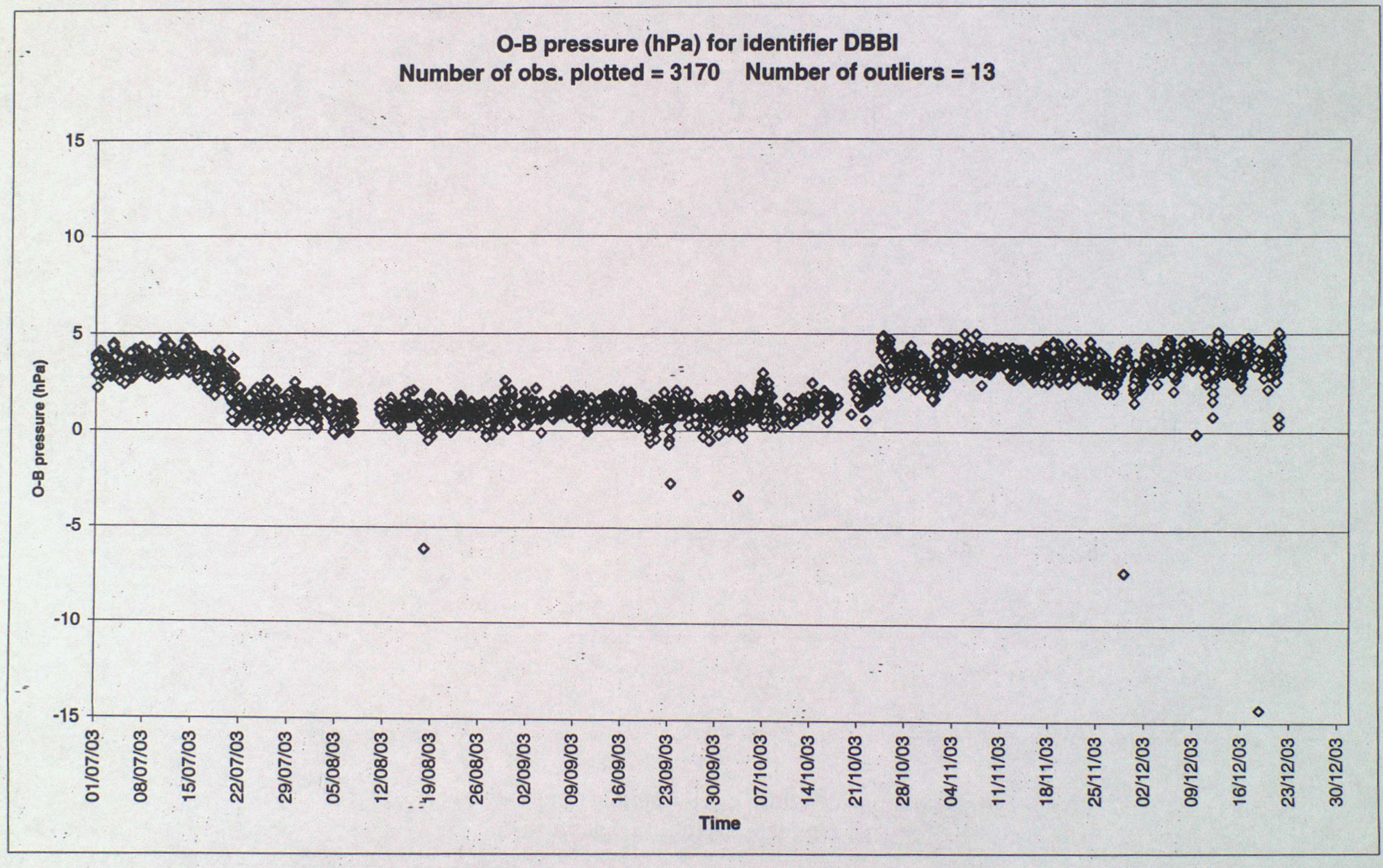

O-B pressure (hPa) for identifier C6FU5
Number of obs. plotted = 43 Number of outliers = 0
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time


O-B pressure (hPa) for identifier C6FU6
Number of obs. plotted = 49 Number of outliers = 0
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time


O-B pressure (hPa) for identifier C6FV4
Number of obs. plotted = 150 Number of outliers = 0
O-B pressure (hPa)
-15
-10
-5
0
5
10
15
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03

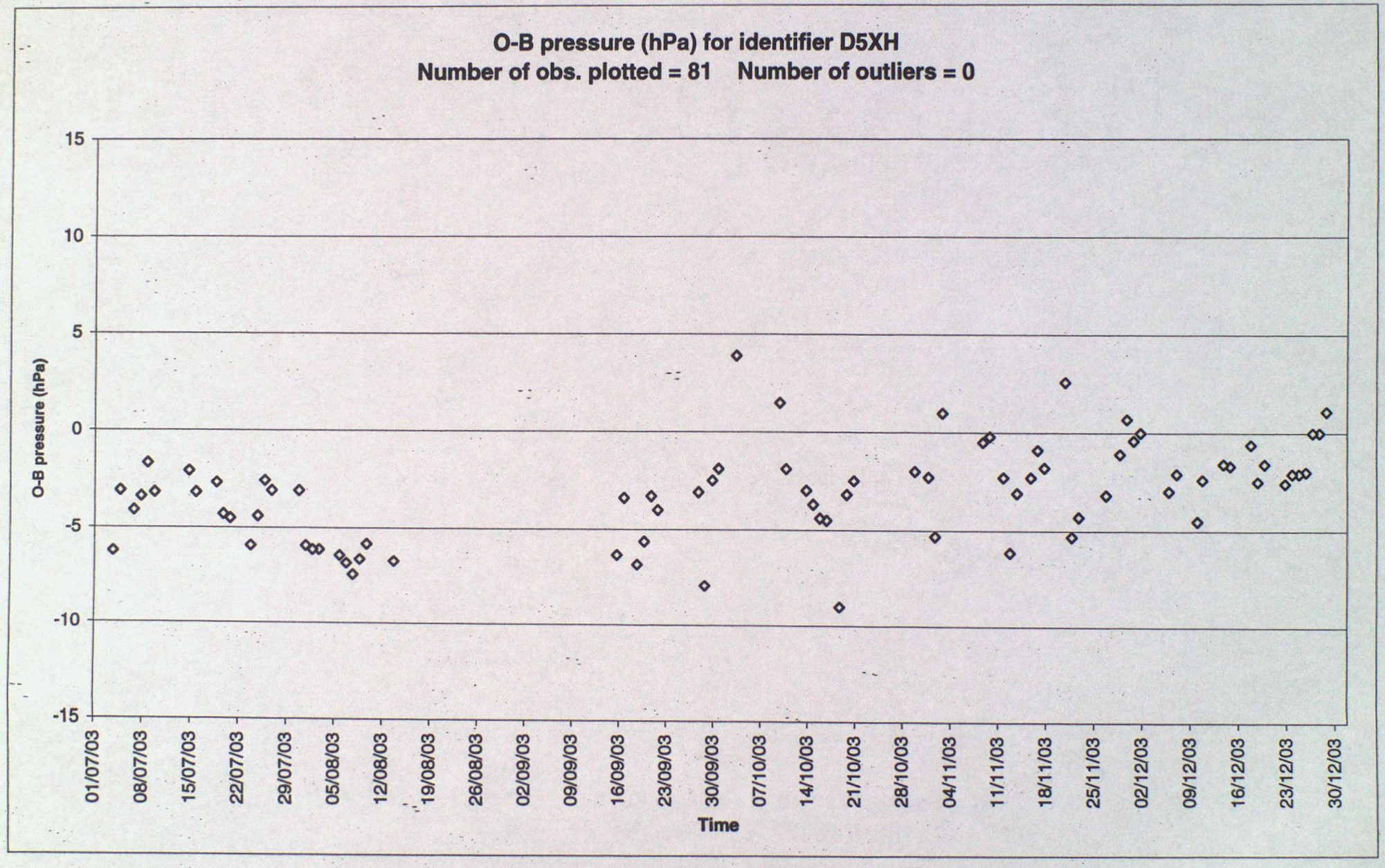
O-B pressure (hPa) for identifier C6NR5
Number of obs. plotted = 107 Number of outliers = 10
O-B pressure (hPa)
-60
-40
-20
0
20
40
60
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03

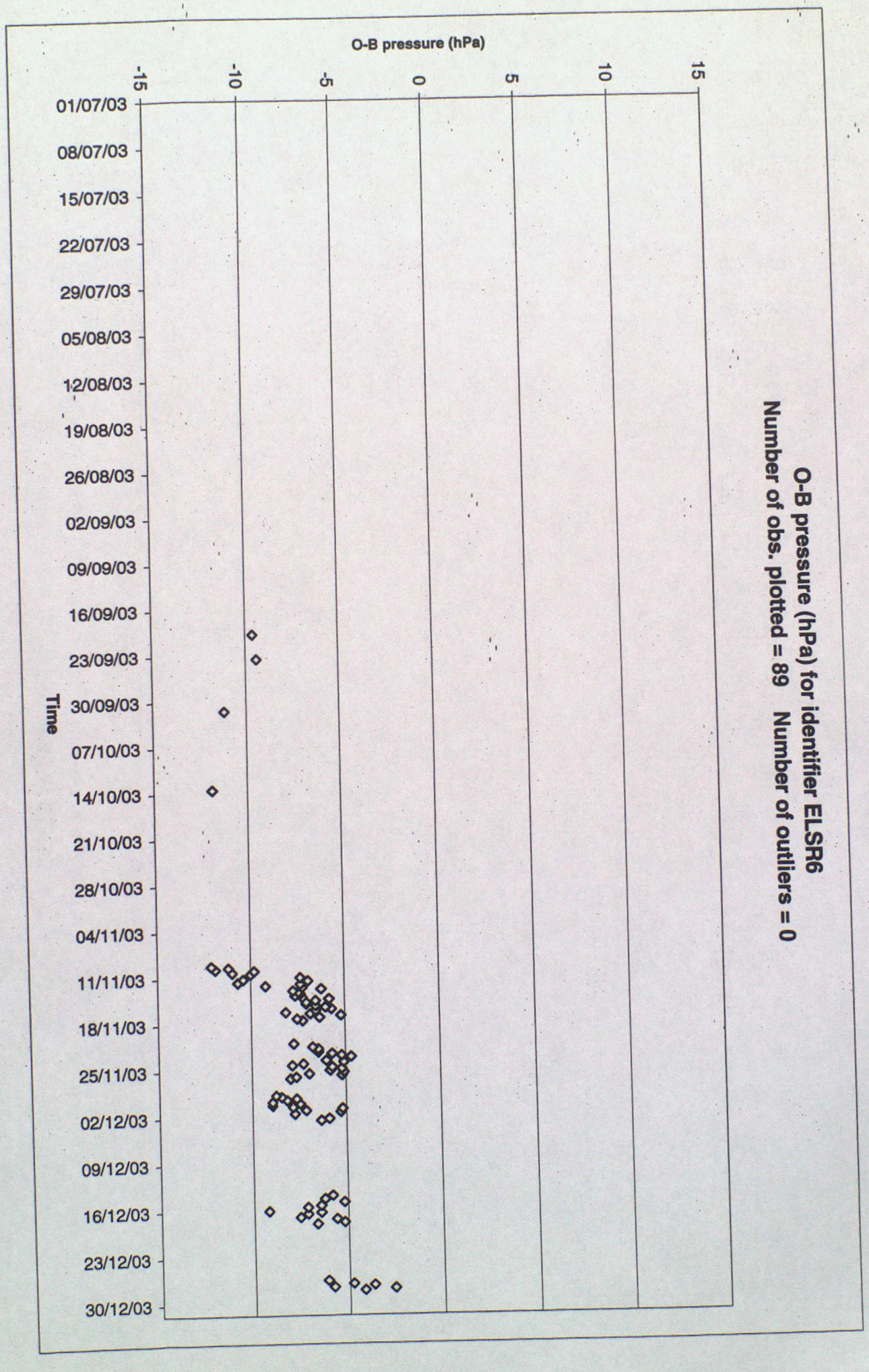
O-B pressure (hPa) for identifier C6YW
Number of obs. plotted = 46 Number of outliers = 0
O-B pressure (hPa)
-15
-10
-5
0
5
10
15
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03


O-B pressure (hPa) for identifier DBBI
Number of obs. plotted = 3170 Number of outliers = 13
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time

O-B pressure (hPa) for identifier DGHX
Number of obs. plotted = 104 Number of outliers = 0
O-B pressure (hPa)
-15
-10
-5
0
5
10
15
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03

O-B pressure (hPa) for identifier DQVI
Number of obs. plotted = 348 Number of outliers = 0
O-B pressure (hPa)
-15
-10
-5
0
5
10
15
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03

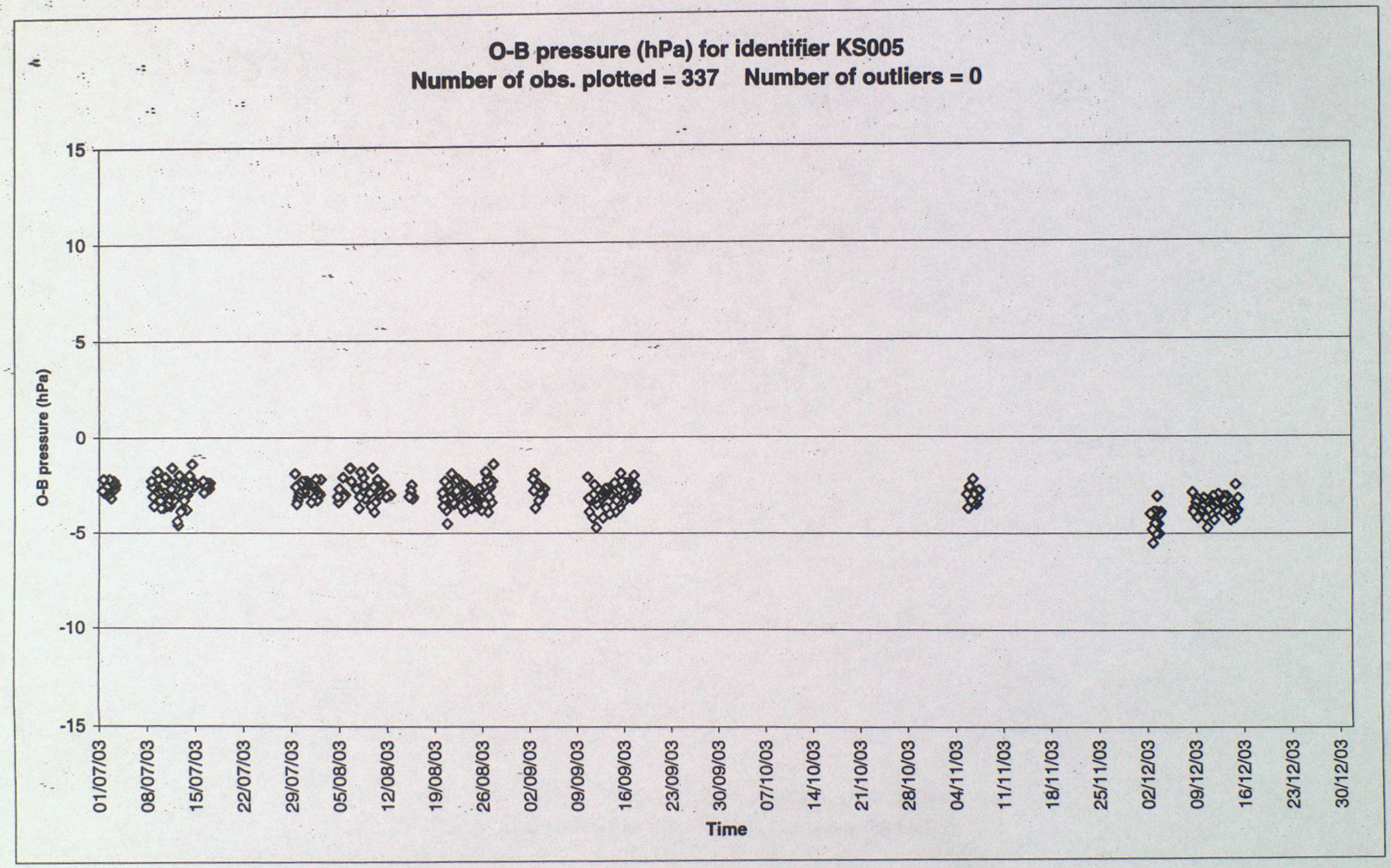

O-B pressure (hPa) for identifier D5XH
Number of obs. plotted = 81 Number of outliers = 0
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time


O-B pressure (hPa) for identifier ELSR6
Number of obs. plotted = 89 Number of outliers = 0
O-B pressure (hPa)
-15
-10
-5
0
5
10
15
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03

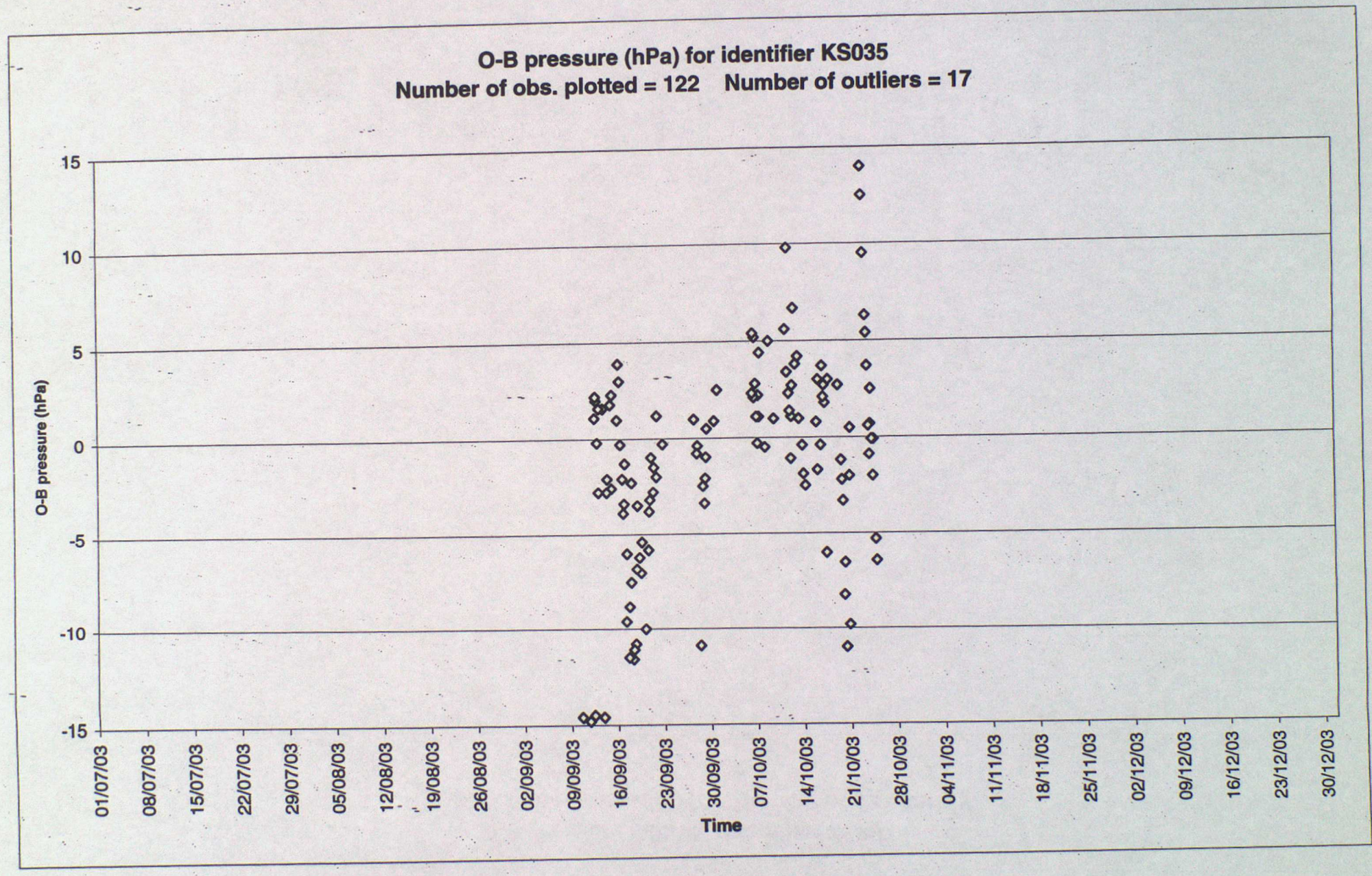
O-B pressure (hPa) for identifier ELXT9
Number of obs. plotted = 200 Number of outliers = 2
O-B pressure (hPa)
-15
-10
-5
0
5
10
15
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03

O-B pressure (hPa) for identifier JHHU
Number of obs. plotted = 77 Number of outliers = 0
O-B pressure (hPa)
-15
-10
-5
0
5
10
15
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03

O-B pressure (hPa) for identifier KMJL
Number of obs. plotted = 231 Number of outliers = 0
O-B pressure (hPa)
-15
-10
-5
0
5
10
15
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03

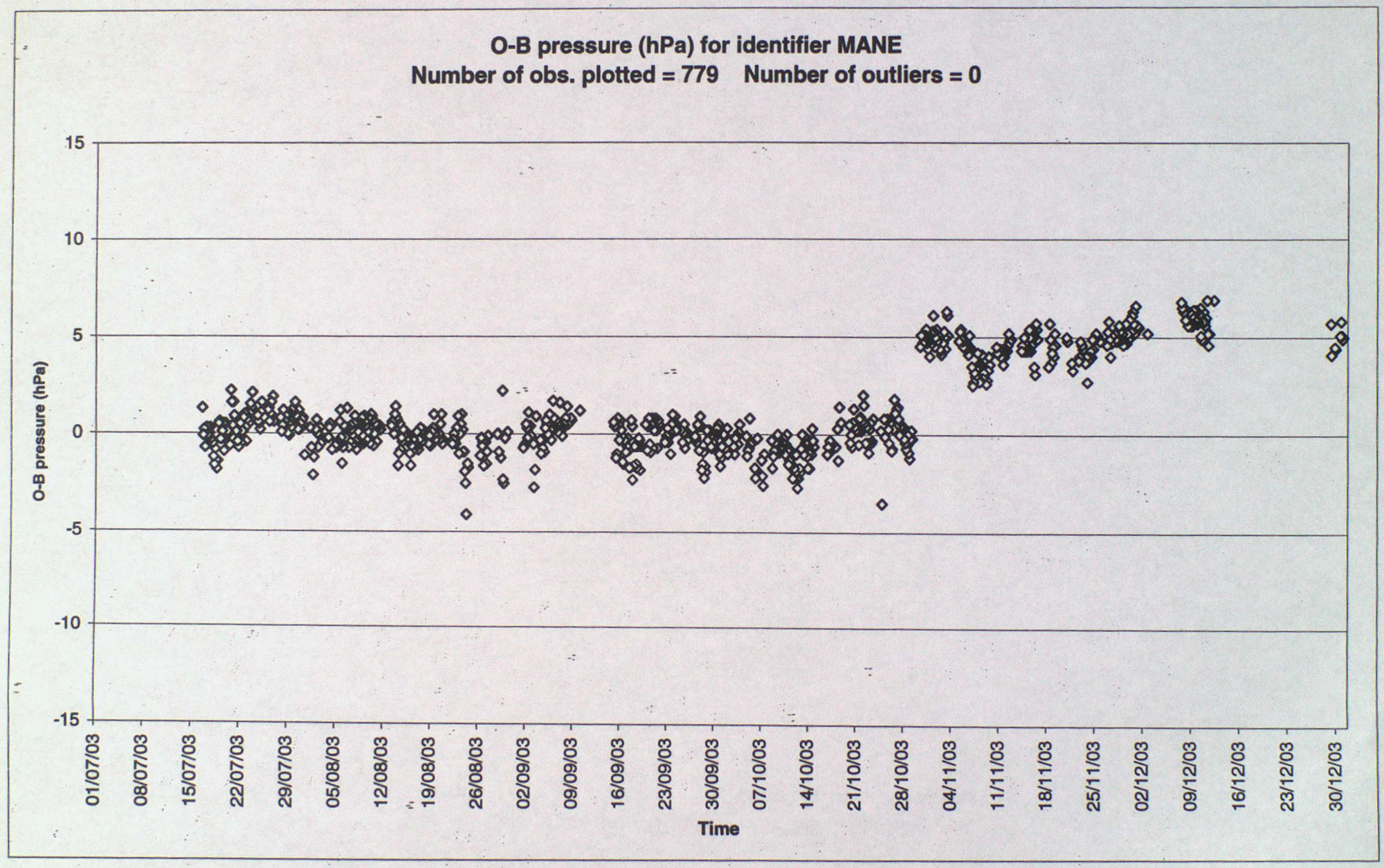

O-B pressure (hPa) for identifier KS005
Number of obs. plotted = 337 Number of outliers = 0
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time

O-B pressure (hPa) for identifier KS011
Number of obs. plotted = 264 Number of outliers = 24
O-B pressure (hPa)
-15
-10
-5
0
5
10
15
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03


O-B pressure (hPa) for identifier KS035
Number of obs. plotted = 122 Number of outliers = 17
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time

O-B pressure (hPa) for identifier KS037
Number of obs. plotted = 193 Number of outliers = 9
O-B pressure (hPa)
-15
-10
-5
0
5
10
15
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03

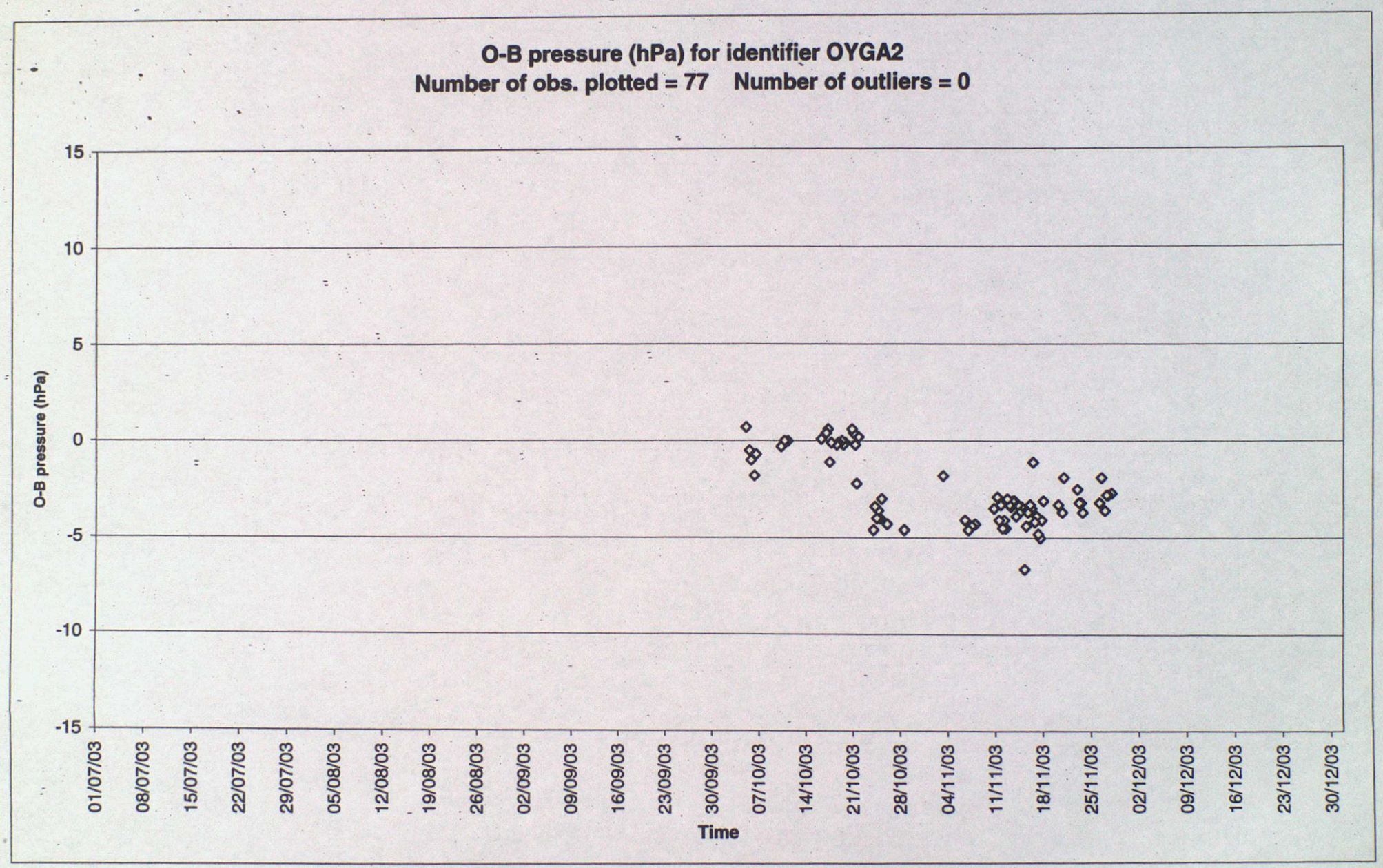
O-B pressure (hPa) for identifier LAGB5
Number of obs. plotted = 61 Number of outliers = 0
O-B pressure (hPa)
-15
-10
-5
0
5
10
15
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03


O-B pressure (hPa) for identifier MANE
Number of obs. plotted = 779 Number of outliers = 0
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time

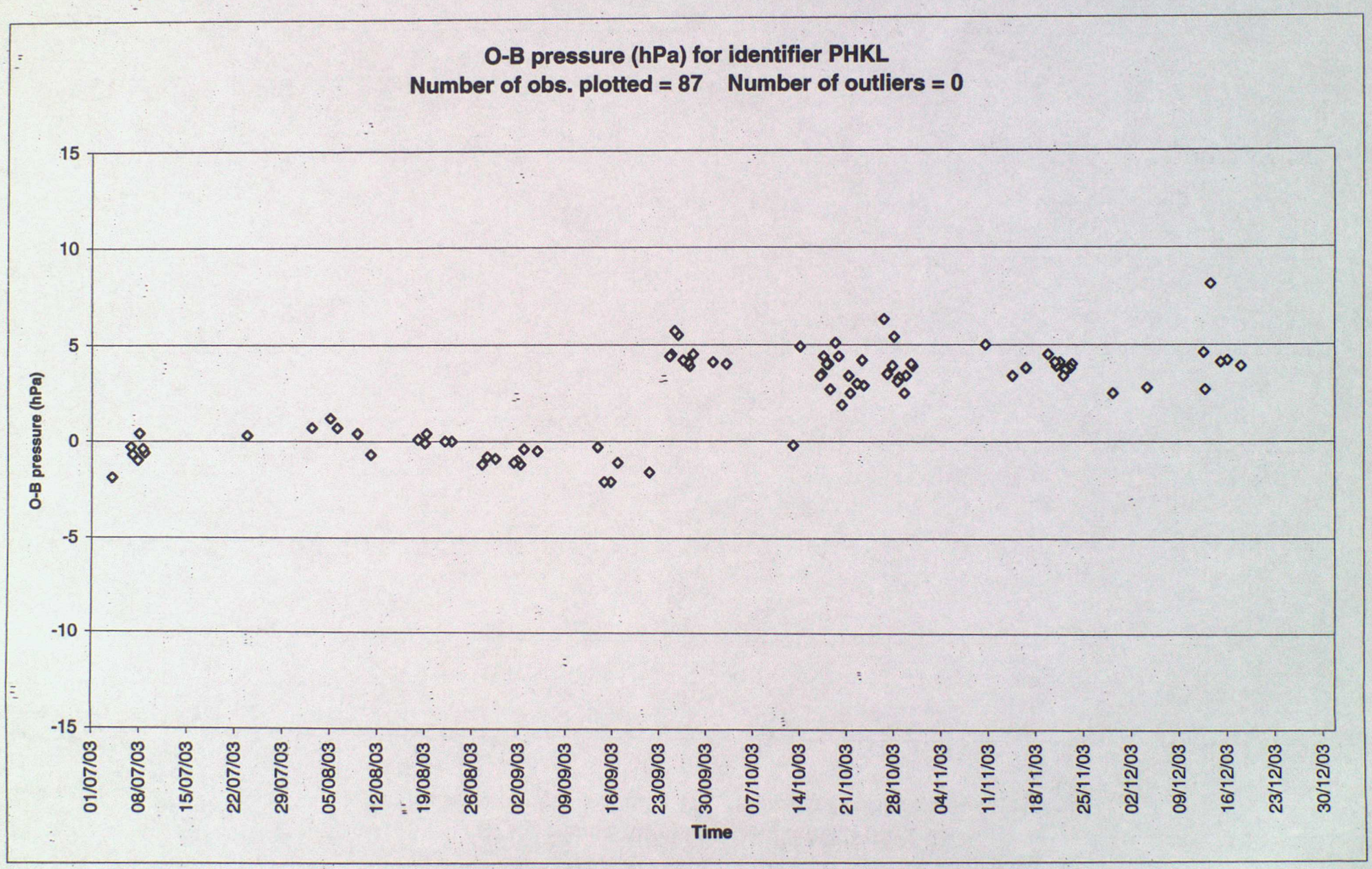
O-B pressure (hPa)
-15
-10
-5
0
5
10
15
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
O-B pressure (hPa) for identifier OULA2
Number of obs. plotted = 66 Number of outliers = 0

O-B pressure (hPa) for identifier OVUN6
Number of obs. plotted = 197 Number of outliers = 0
O-B pressure (hPa)
-15
-10
-5
0
5
10
15
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03

O-B pressure (hPa) for identifier OXFU2
Number of obs. plotted = 92 Number of outliers = 0
O-B pressure (hPa)
-15
-10
-5
0
5
10
15
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03


O-B pressure (hPa) for identifier OYGA2
Number of obs. plotted = 77 Number of outliers = 0
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time

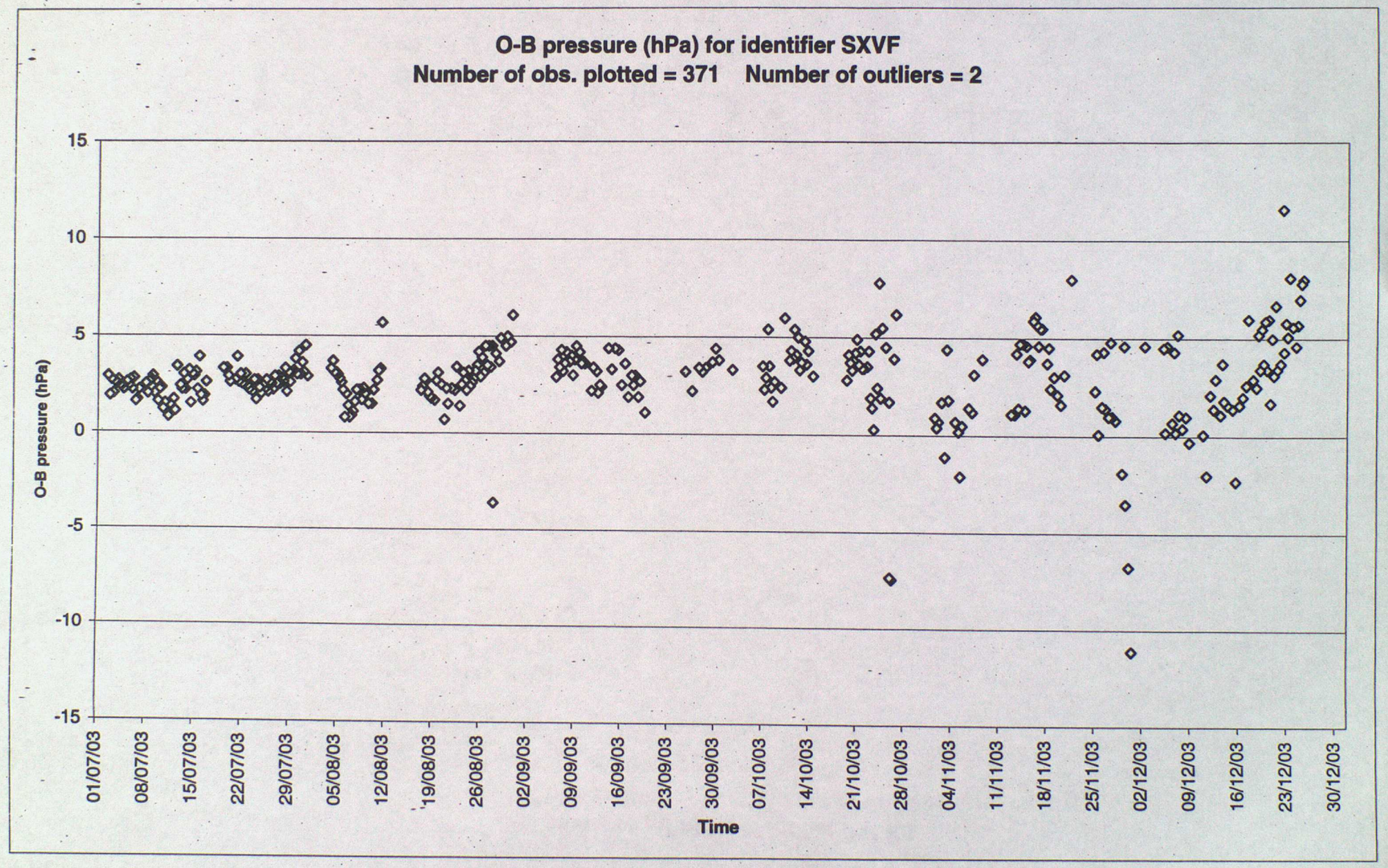
O-B pressure (hPa) for identifier OZFC2
Number of obs. plotted = 47 Number of outliers = 1
O-B pressure (hPa)
-15
-10
-5
0
5
10
15
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03


O-B pressure (hPa) for identifier PHKL
Number of obs. plotted = 87 Number of outliers = 0
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time

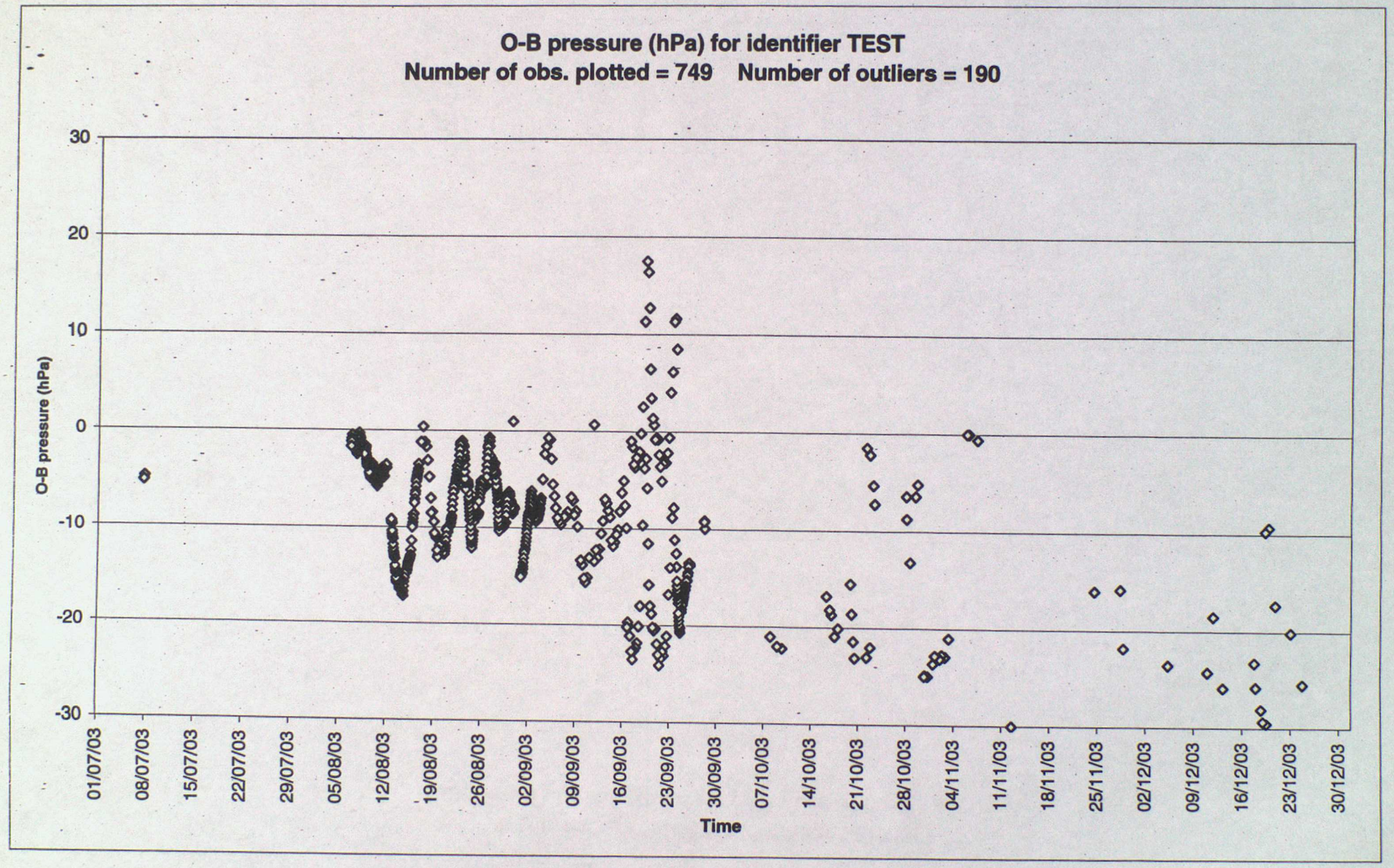
O-B pressure (hPa) for identifier P3FZ6
Number of obs. plotted = 41 Number of outliers = 0
O-B pressure (hPa)
-15
-10
-5
0
5
10
15
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03

O-B pressure (hPa) for identifier P3NE5
Number of obs. plotted = 63 Number of outliers = 0
O-B pressure (hPa)
-15
-10
-5
0
5
10
15
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03

O-B pressure (hPa) for identifier P3NK5
Number of obs. plotted = 44 Number of outliers = 1
O-B pressure (hPa)
-15
-10
-5
0
5
10
15
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03


O-B pressure (hPa) for identifier SXVF
Number of obs. plotted = 371 Number of outliers = 2
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time

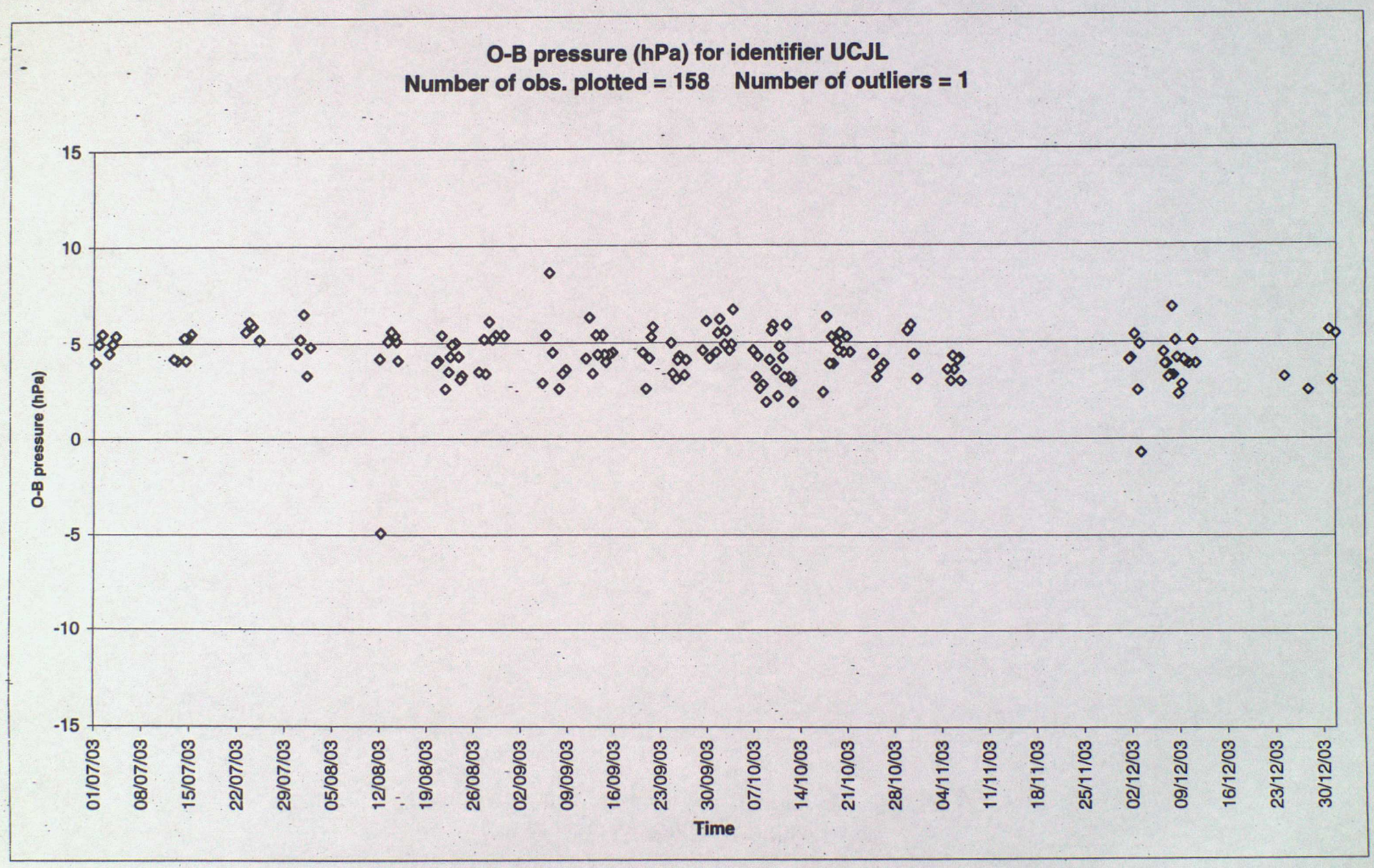
O-B pressure (hPa)
-15
-10
-5
0
5
10
15
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time
O-B pressure (hPa) for identifier S6HU8
Number of obs. plotted = 70 Number of outliers = 0

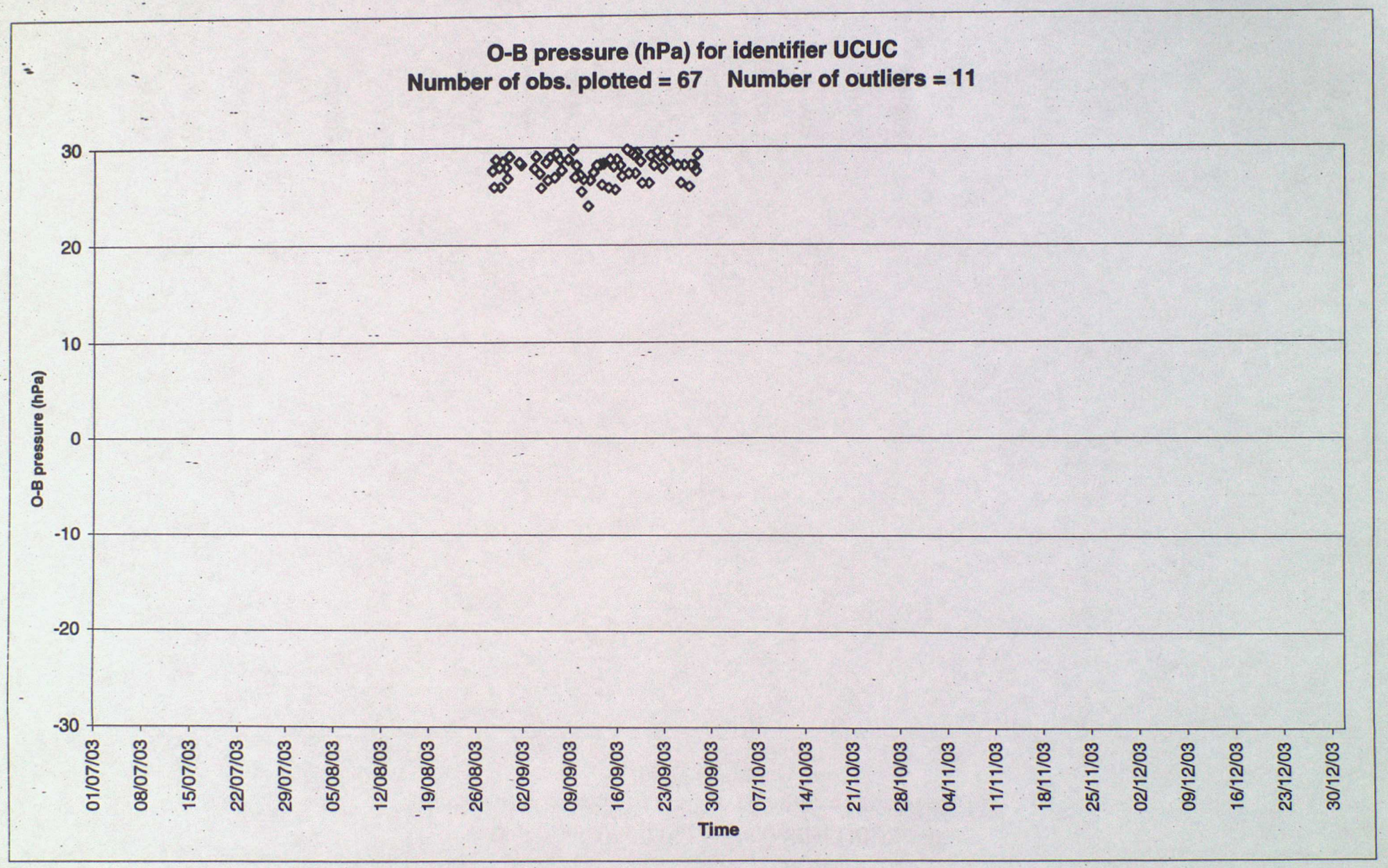

O-B pressure (hPa) for identifier TEST
Number of obs. plotted = 749 Number of outliers = 190
O-B pressure (hPa)
30
20
10
0
-10
-20
-30
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time

O-B pressure (hPa) for identifier UBXP
Number of obs. plotted = 259 Number of outliers = 0
O-B pressure (hPa)
-15
-10
-5
0
5
10
15
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03

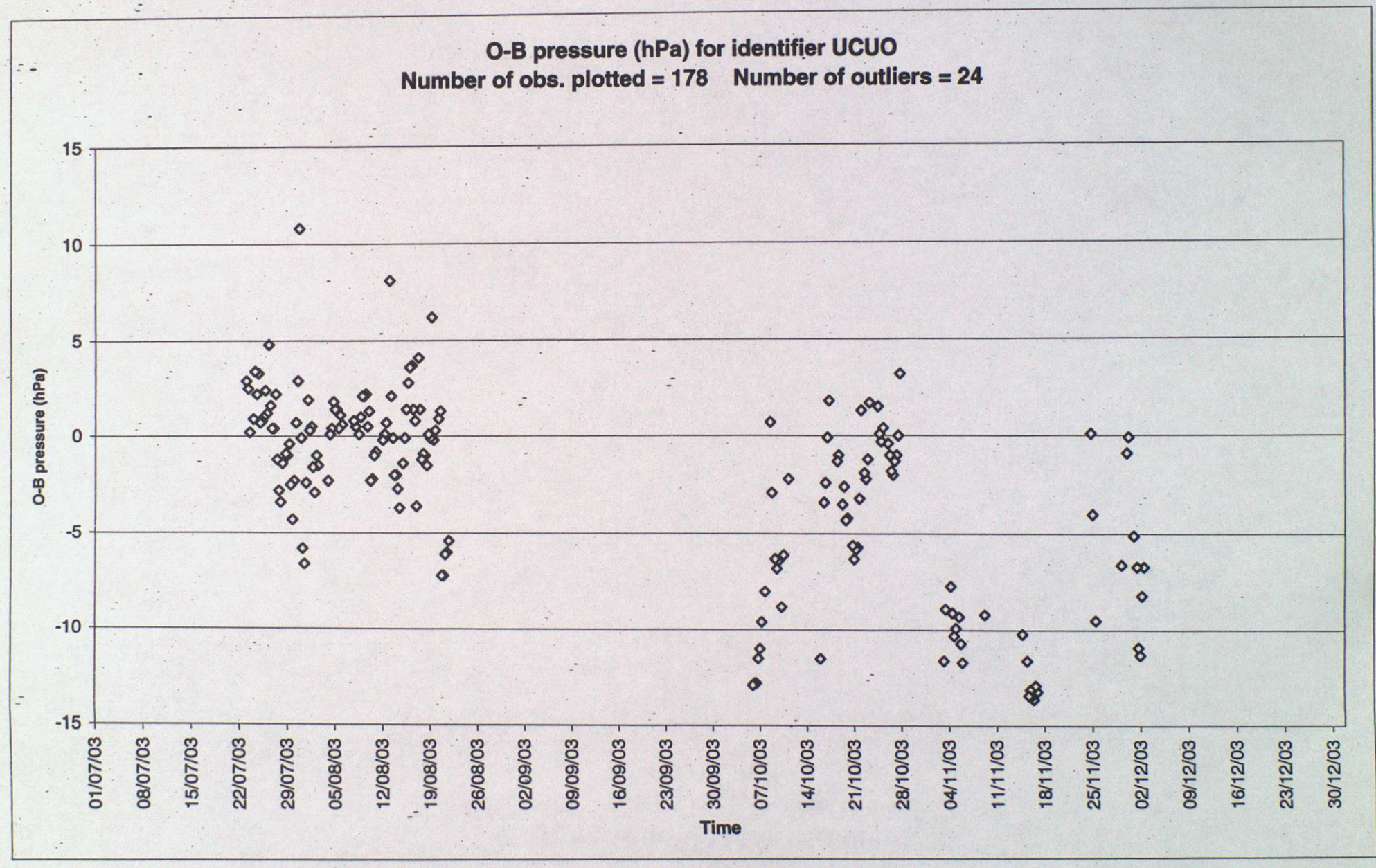
O-B pressure (hPa) for identifier UCAC
Number of obs. plotted = 48 Number of outliers = 0
O-B pressure (hPa)
-15
-10
-5
0
5
10
15
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03

O-B pressure (hPa) for identifier UCJB
Number of obs. plotted = 177 Number of outliers = 1
O-B pressure (hPa)
-15
-10
-5
0
5
10
15
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03

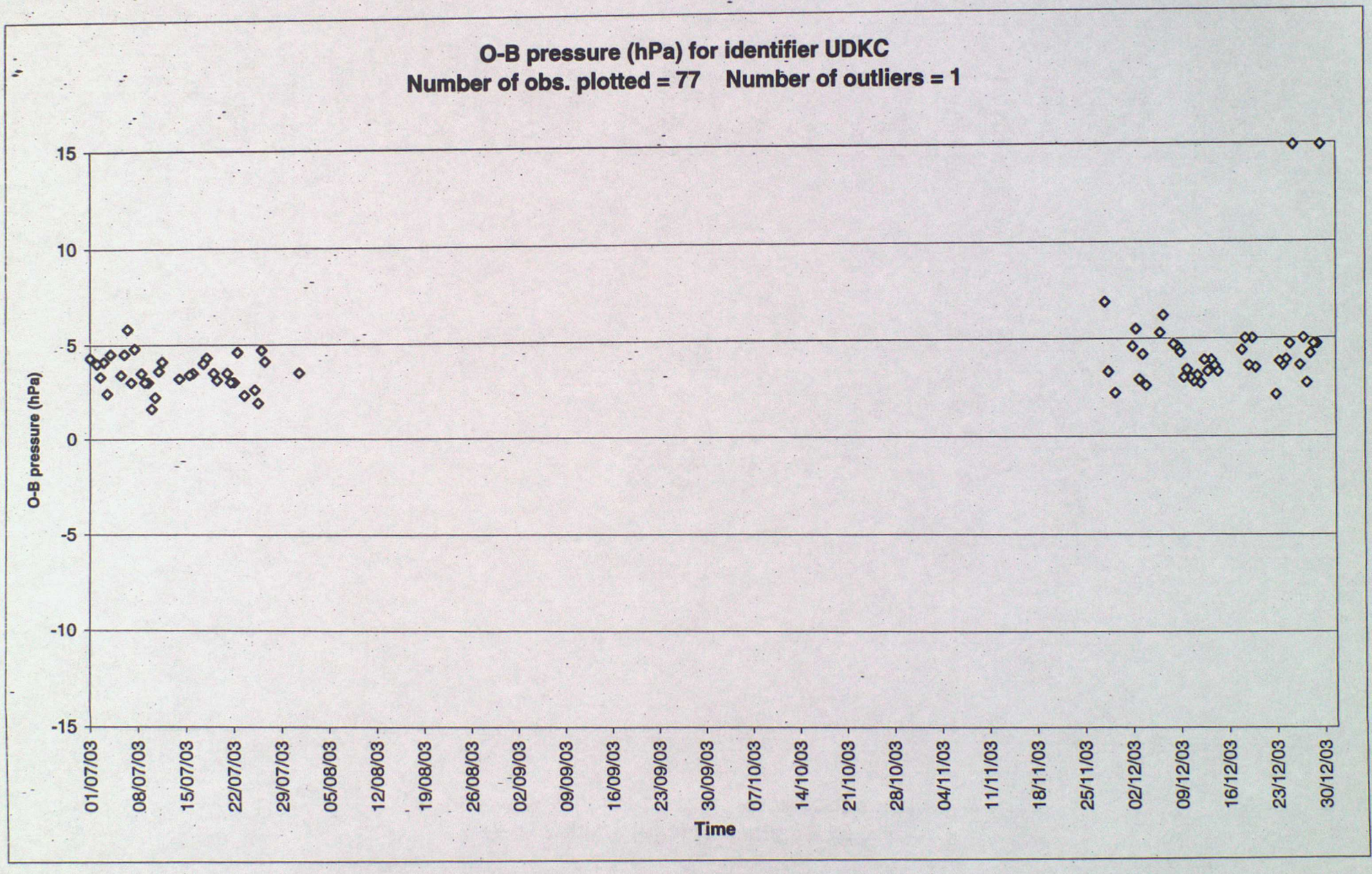

O-B pressure (hPa) for identifier UCJL
Number of obs. plotted = 158 Number of outliers = 1
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time


O-B pressure (hPa) for identifier UCUC
Number of obs. plotted = 67 Number of outliers = 11
O-B pressure (hPa)
30
20
10
0
-10
-20
-30
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time

O-B pressure (hPa) for identifier UCUE
Number of obs. plotted = 152 Number of outliers = 16
O-B pressure (hPa)
-15
-10
-5
0
5
10
15
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03

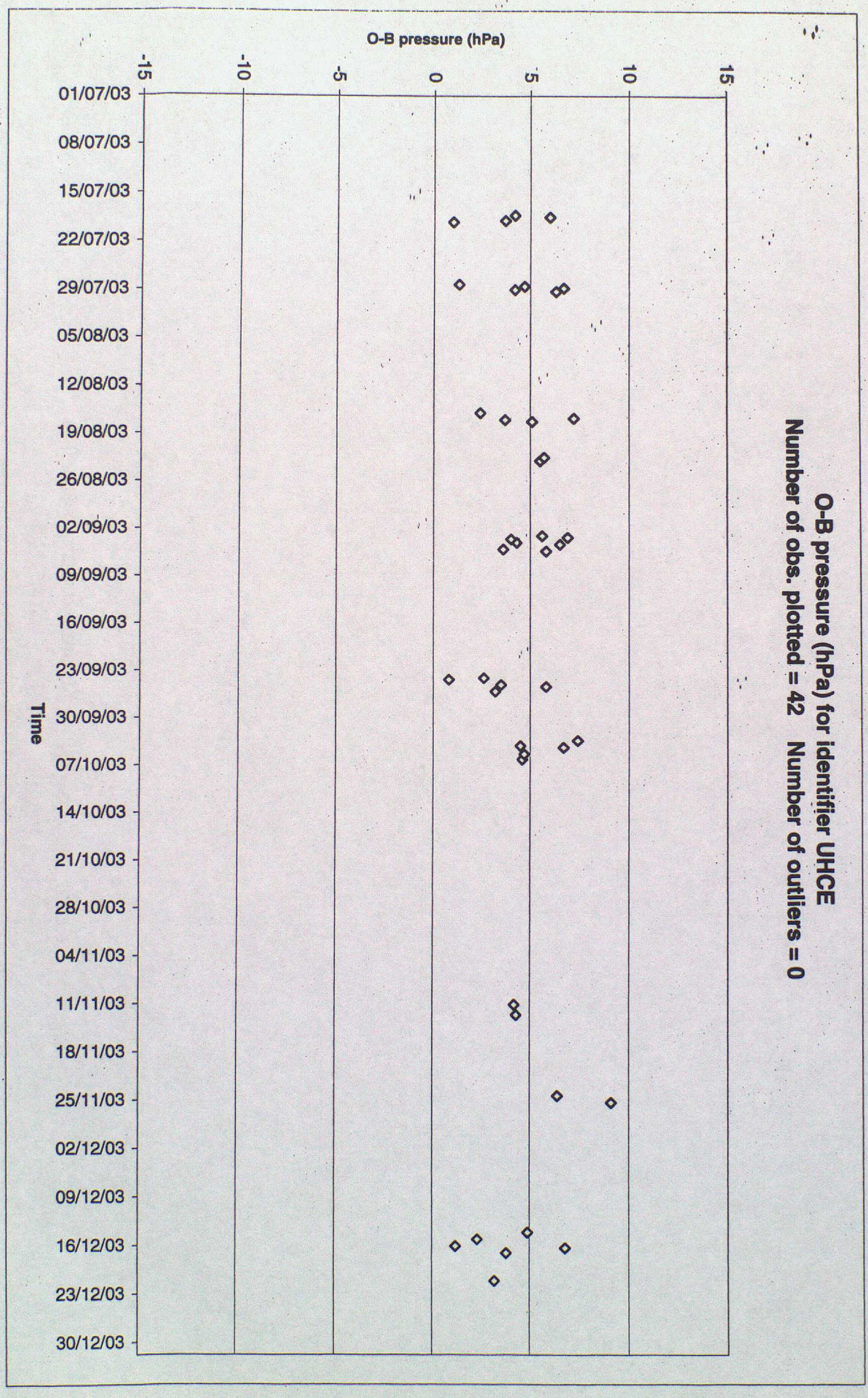

O-B pressure (hPa) for identifier UCUO
Number of obs. plotted = 178 Number of outliers = 24
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time

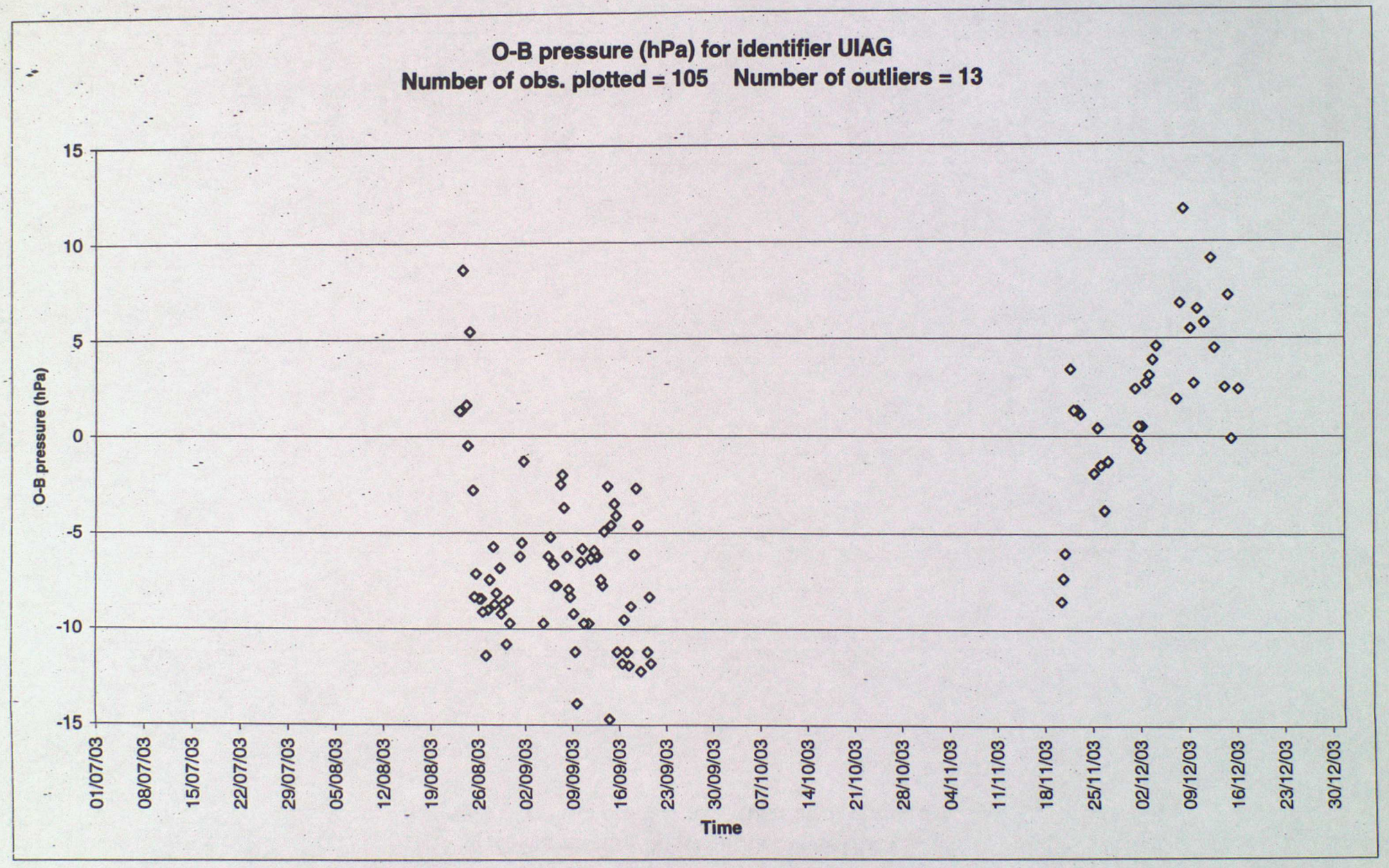
O-B pressure (hPa) for identifier UDBK
Number of obs. plotted = 113 Number of outliers = 0
O-B pressure (hPa)
-15
-10
-5
0
5
10
15
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03

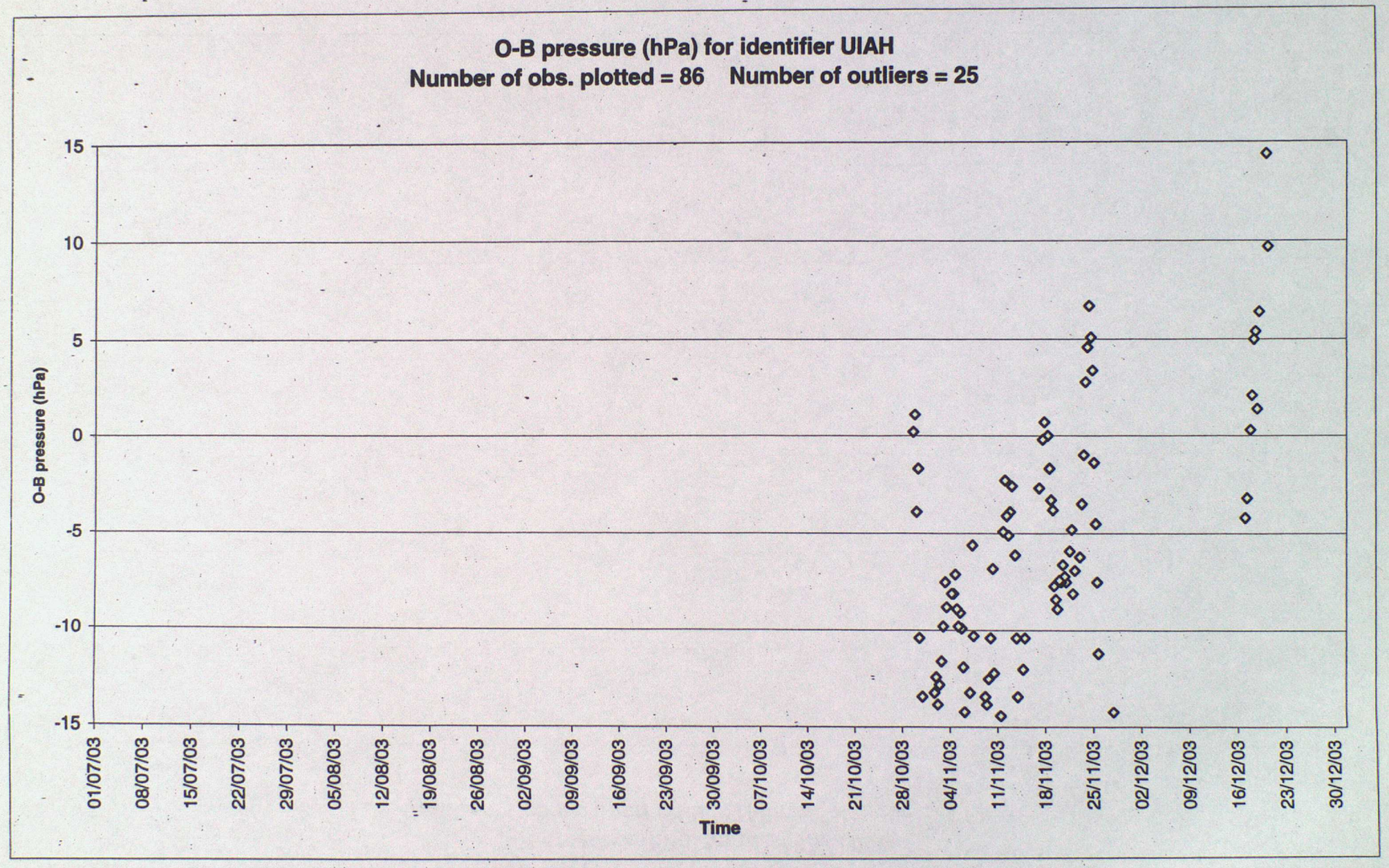

O-B pressure (hPa) for identifier UDKC
Number of obs. plotted = 77 Number of outliers = 1
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time

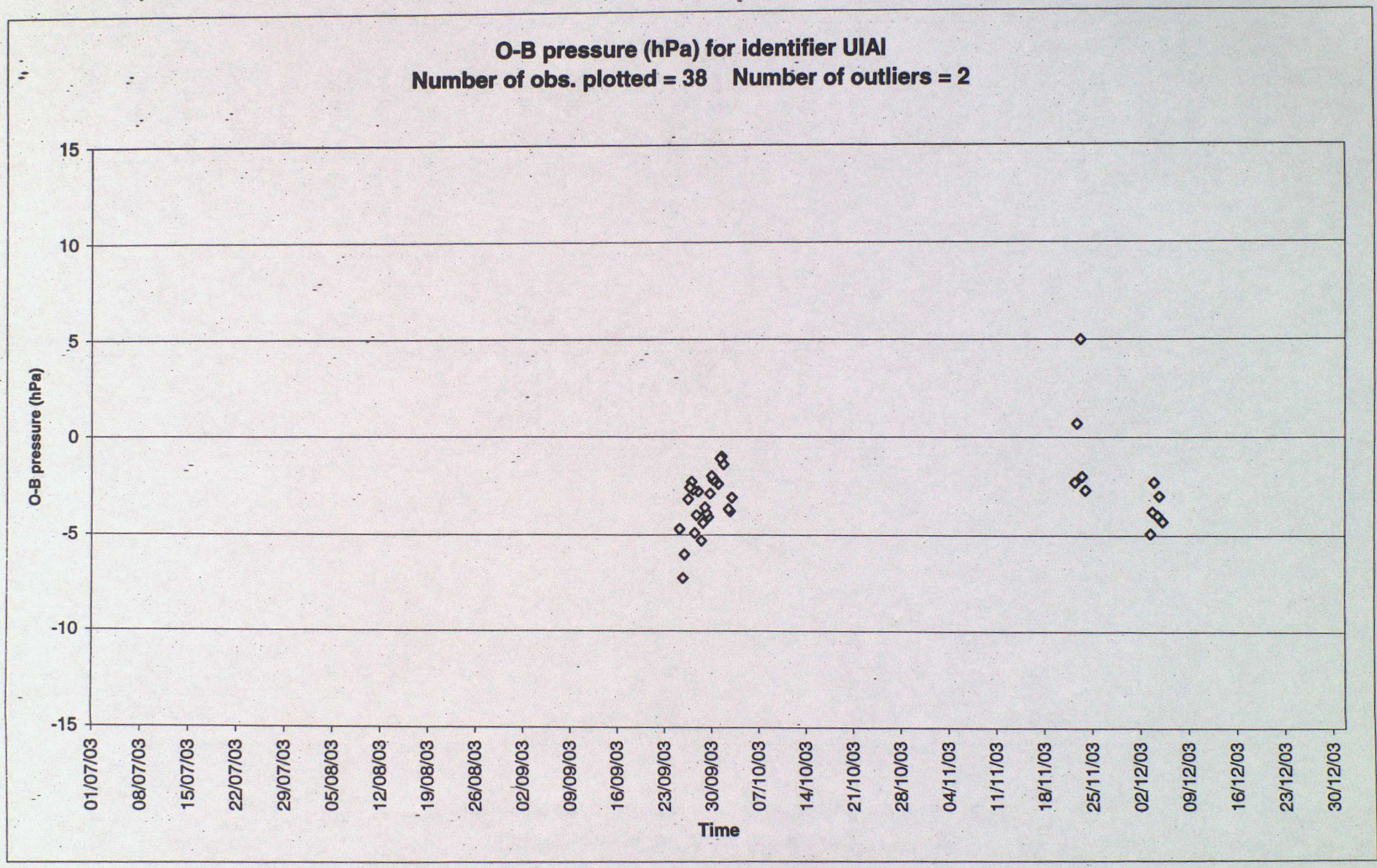
O-B pressure (hPa) for identifier UFNO
Number of obs. plotted = 138 Number of outliers = 0
O-B pressure (hPa)
-15
-10
-5
0
5
10
15
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03

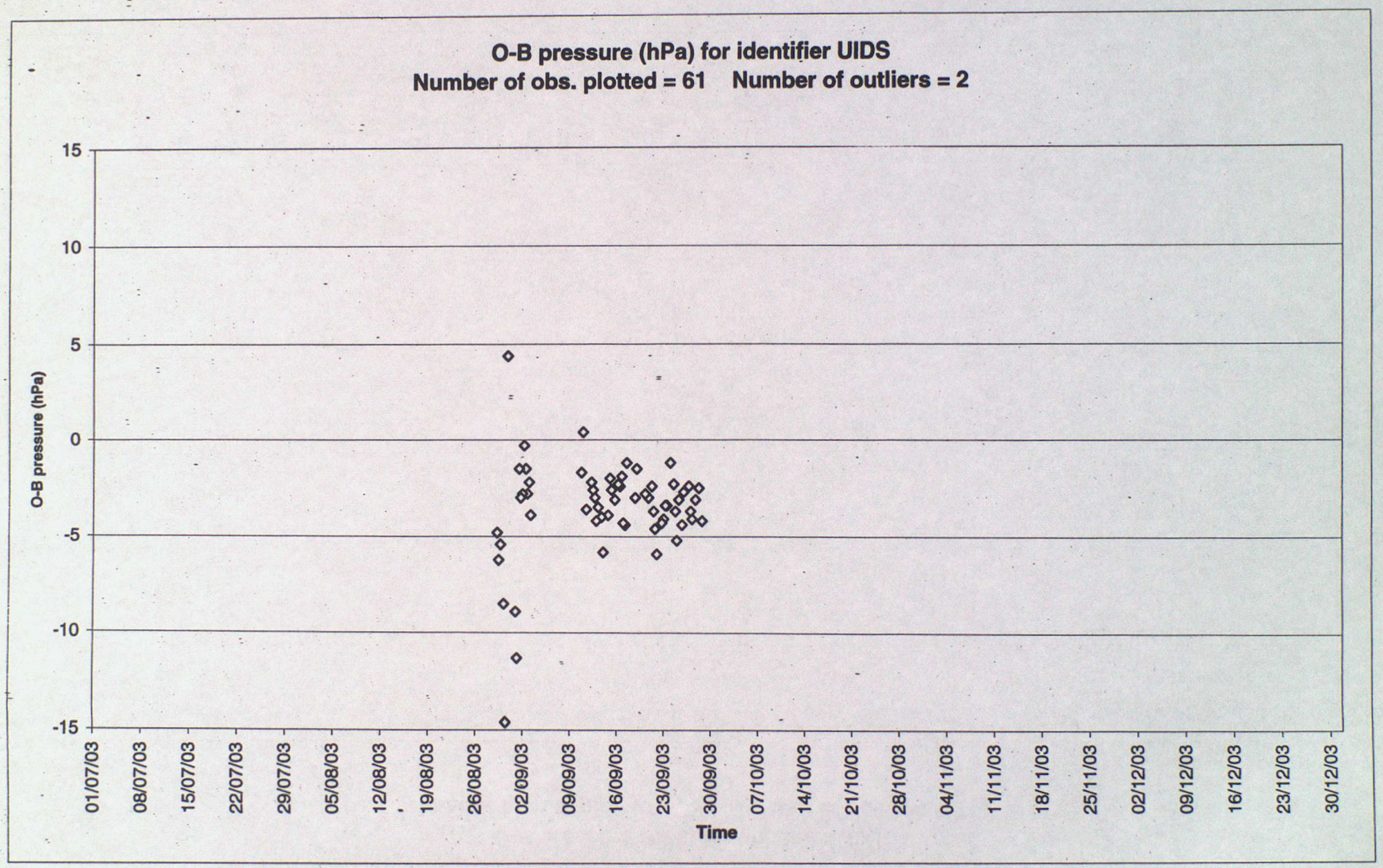
O-B pressure (hPa) for identifier UGPK
Number of obs. plotted = 53 Number of outliers = 0
O-B pressure (hPa)
-30
-20
-10
0
10
20
30
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03

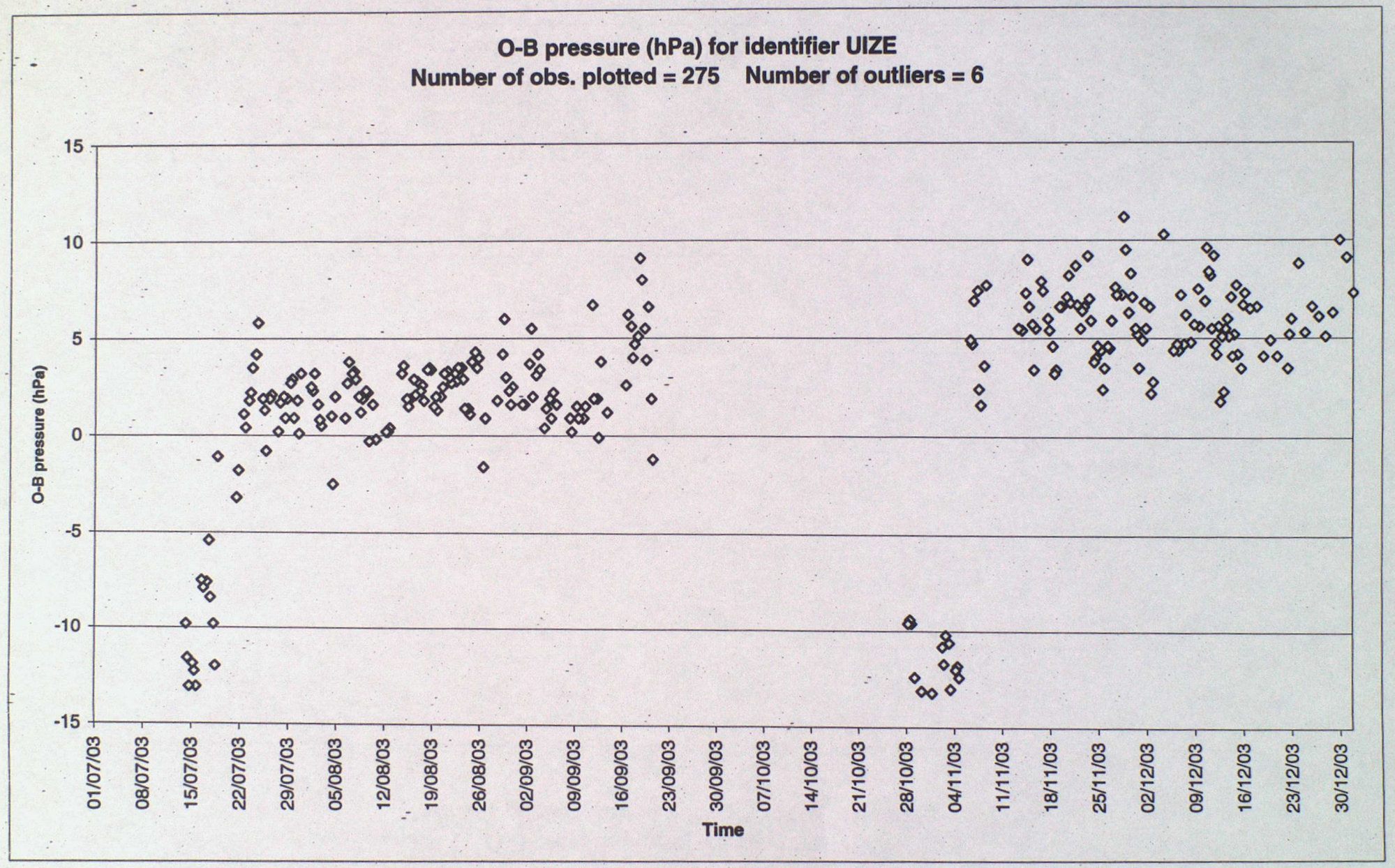

O-B pressure (hPa) for identifier UHCE
Number of obs. plotted = 42 Number of outliers = 0
O-B pressure (hPa)
-15
-10
-5
0
5
10
15
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03

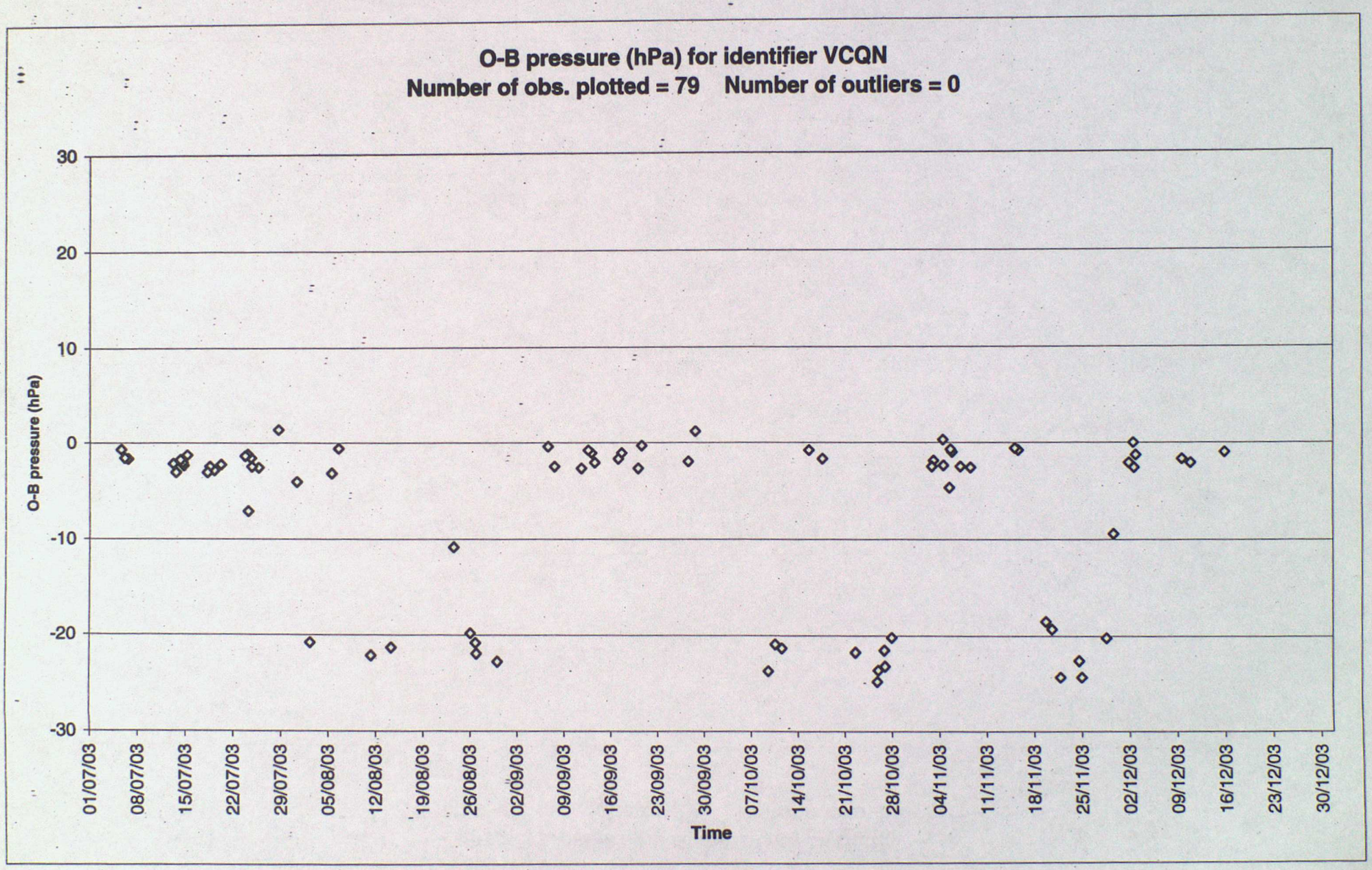

O-B pressure (hPa) for identifier UIAG
Number of obs. plotted = 105 Number of outliers = 13
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time


O-B pressure (hPa) for identifier UIAH
Number of obs. plotted = 86 Number of outliers = 25
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time

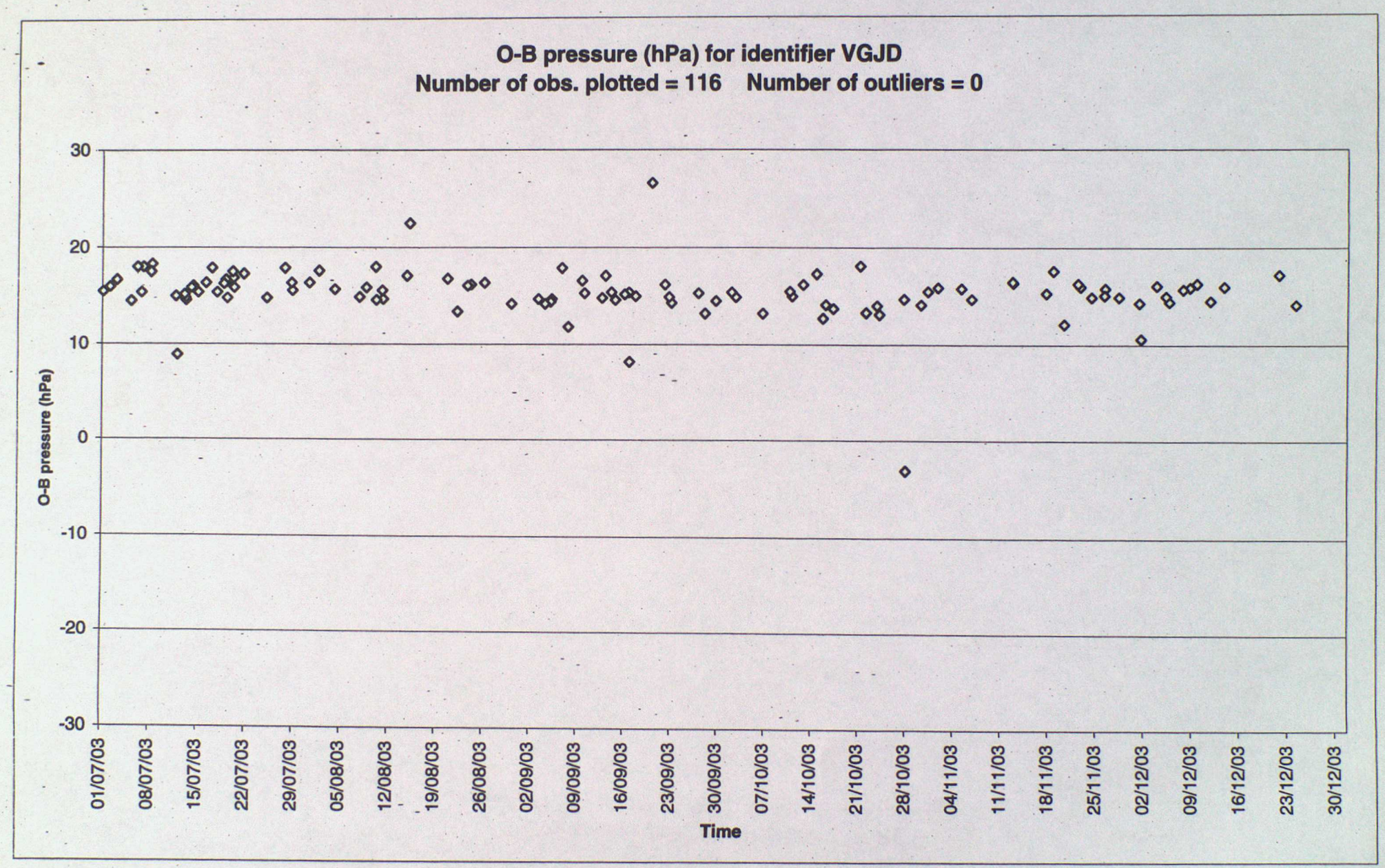

O-B pressure (hPa) for identifier UIAI
Number of obs. plotted = 38 Number of outliers = 2
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time


O-B pressure (hPa) for identifier UIDS
Number of obs. plotted = 61 Number of outliers = 2
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time


O-B pressure (hPa) for identifier UIZE
Number of obs. plotted = 275 Number of outliers = 6
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time

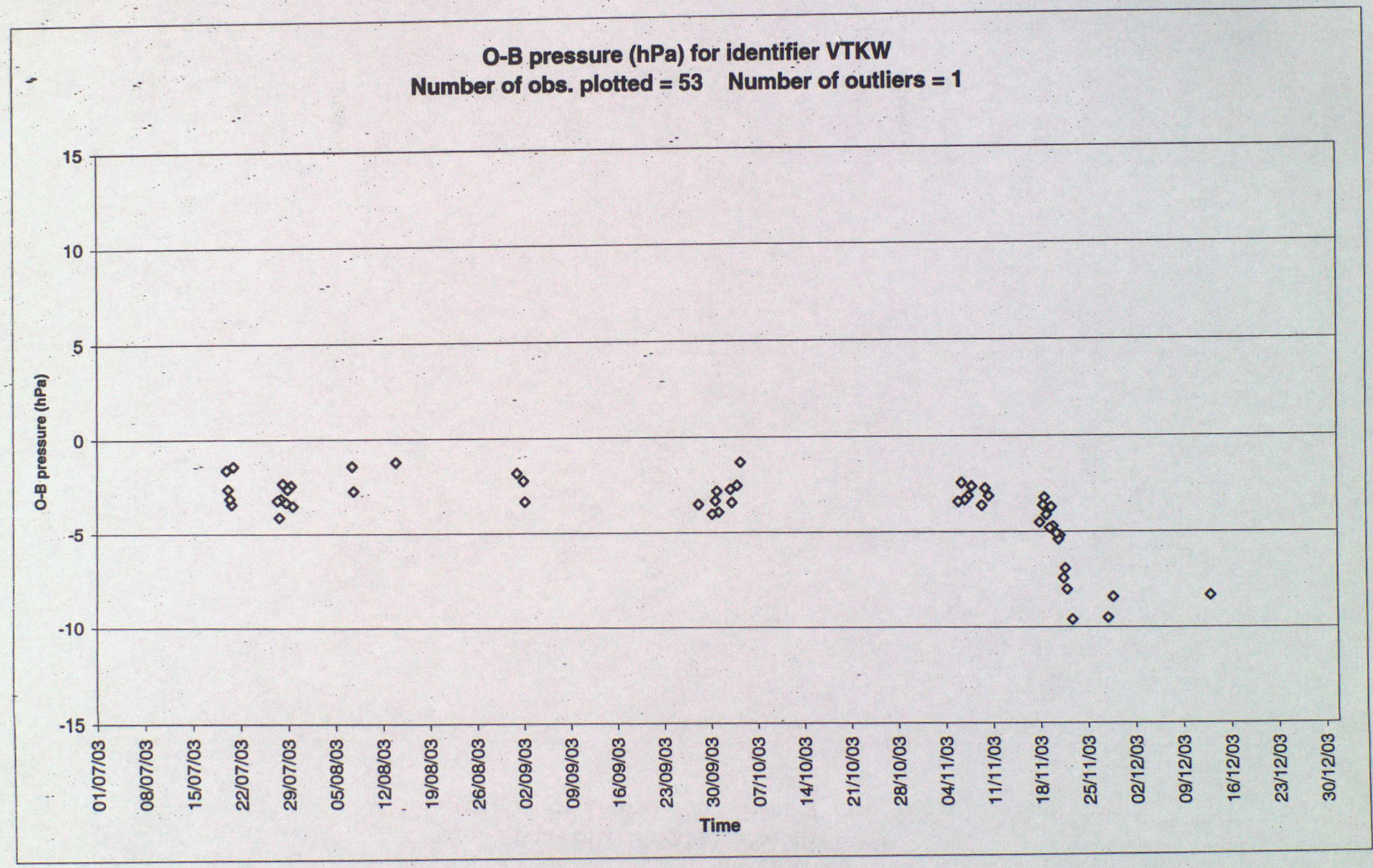

O-B pressure (hPa) for identifier VCQN
Number of obs. plotted = 79 Number of outliers = 0
O-B pressure (hPa)
30
20
10
0
-10
-20
-30
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time

O-B pressure (hPa) for identifier VDRC
Number of obs. plotted = 55 Number of outliers = 7
O-B pressure (hPa)
-15
-10
-5
0
5
10
15
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03


O-B pressure (hPa) for identifier VGJD
Number of obs. plotted = 116 Number of outliers = 0
O-B pressure (hPa)
30
20
10
0
-10
-20
-30
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time

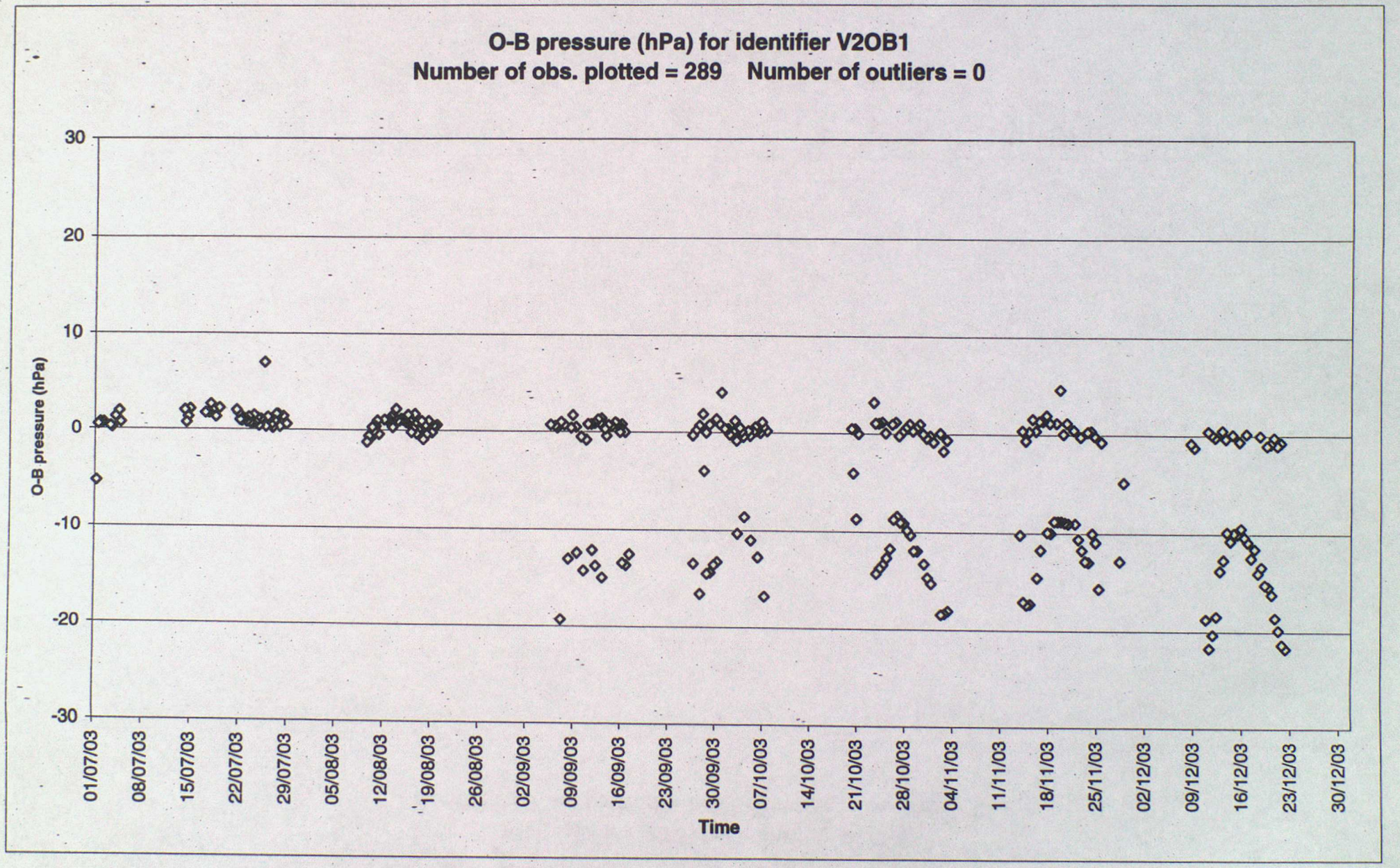
O-B pressure (hPa) for identifier VOTV
Number of obs. plotted = 67 Number of outliers = 0
O-B pressure (hPa)
-30
-20
-10
0
10
20
30
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03

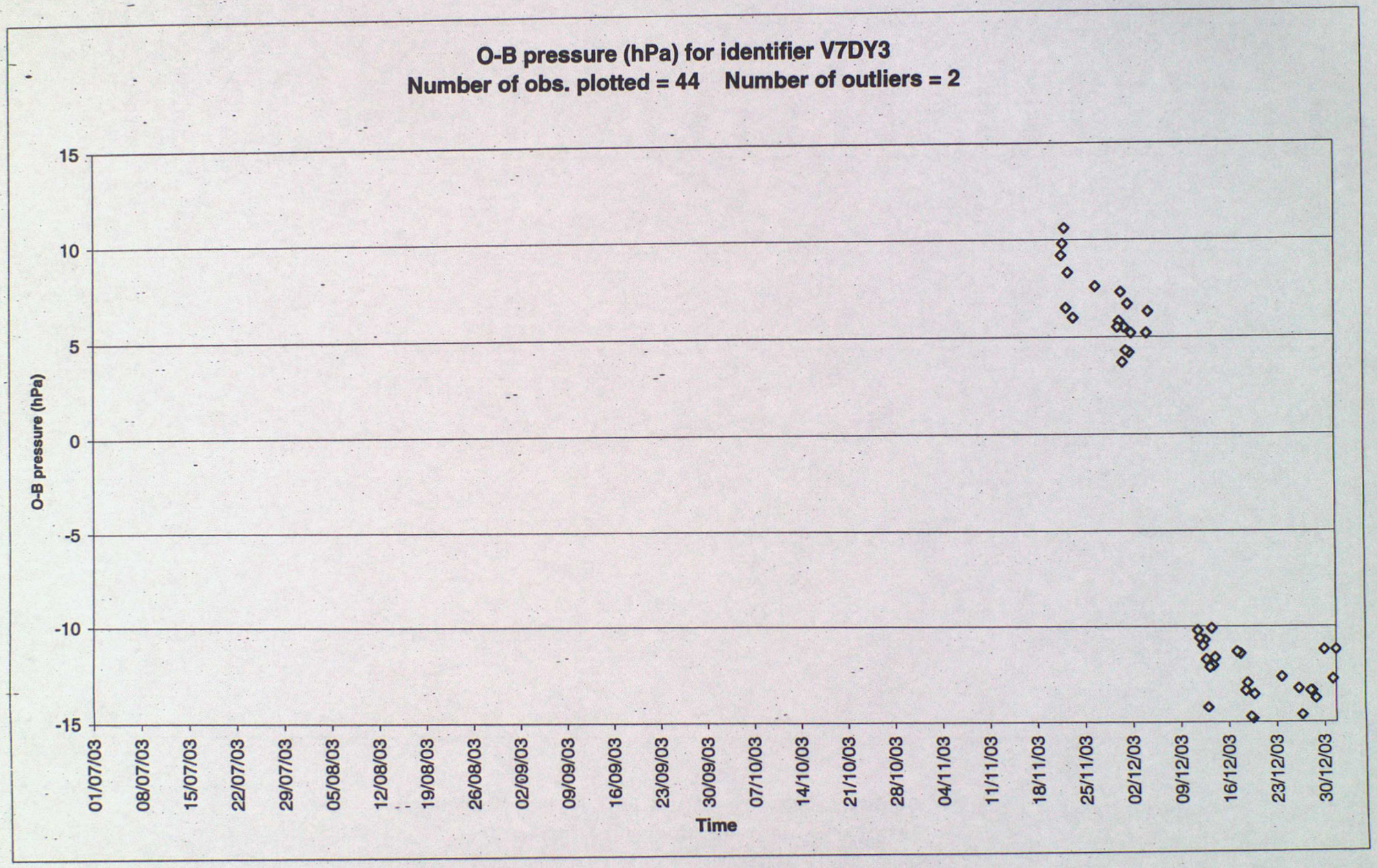
O-B pressure (hPa) for identifier VRUZ6
Number of obs. plotted = 56 Number of outliers = 0
O-B pressure (hPa)
-15
-10
-5
0
5
10
15
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03

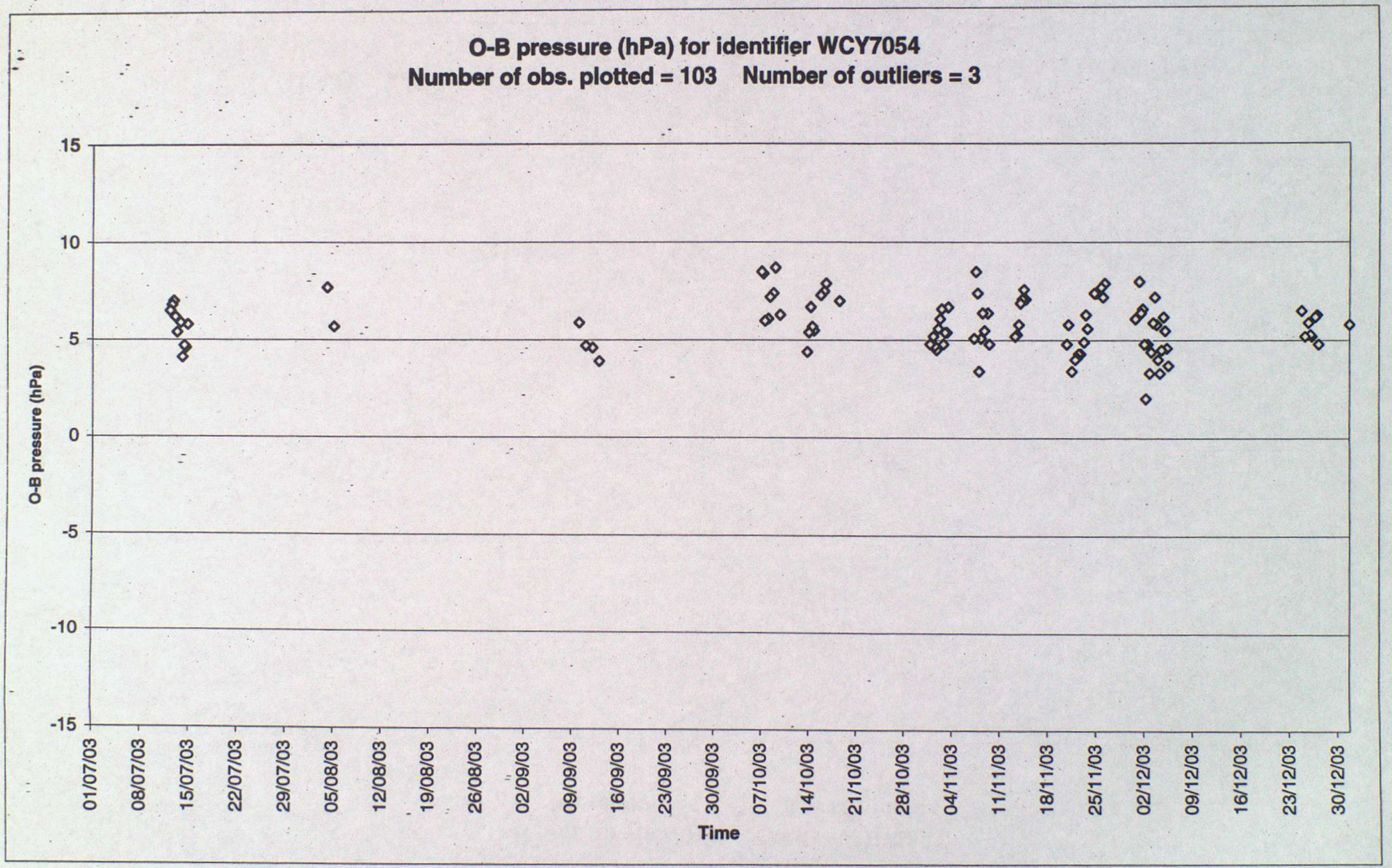

O-B pressure (hPa) for identifier VTKW
Number of obs. plotted = 53 Number of outliers = 1
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time

O-B pressure (hPa) for identifier VVGG
Number of obs. plotted = 58 Number of outliers = 0
O-B pressure (hPa)
-15
-10
-5
0
5
10
15
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03

O-B pressure (hPa) for identifier V2AF4
Number of obs. plotted = 195 Number of outliers = 0
O-B pressure (hPa)
-15
-10
-5
0
5
10
15
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03

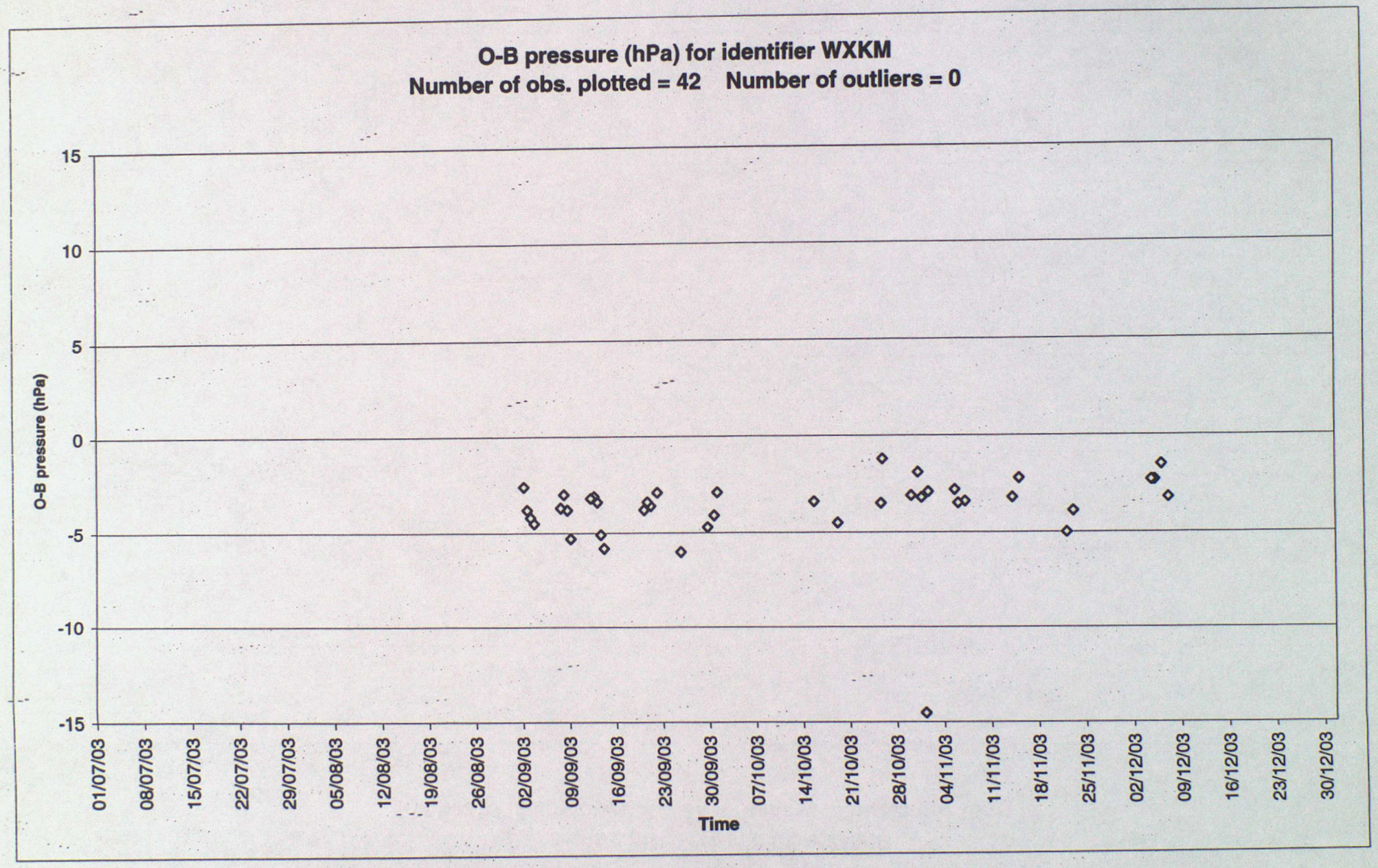

O-B pressure (hPa) for identifier V2OB1
Number of obs. plotted = 289 Number of outliers = 0
O-B pressure (hPa)
30
20
10
0
-10
-20
-30
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time

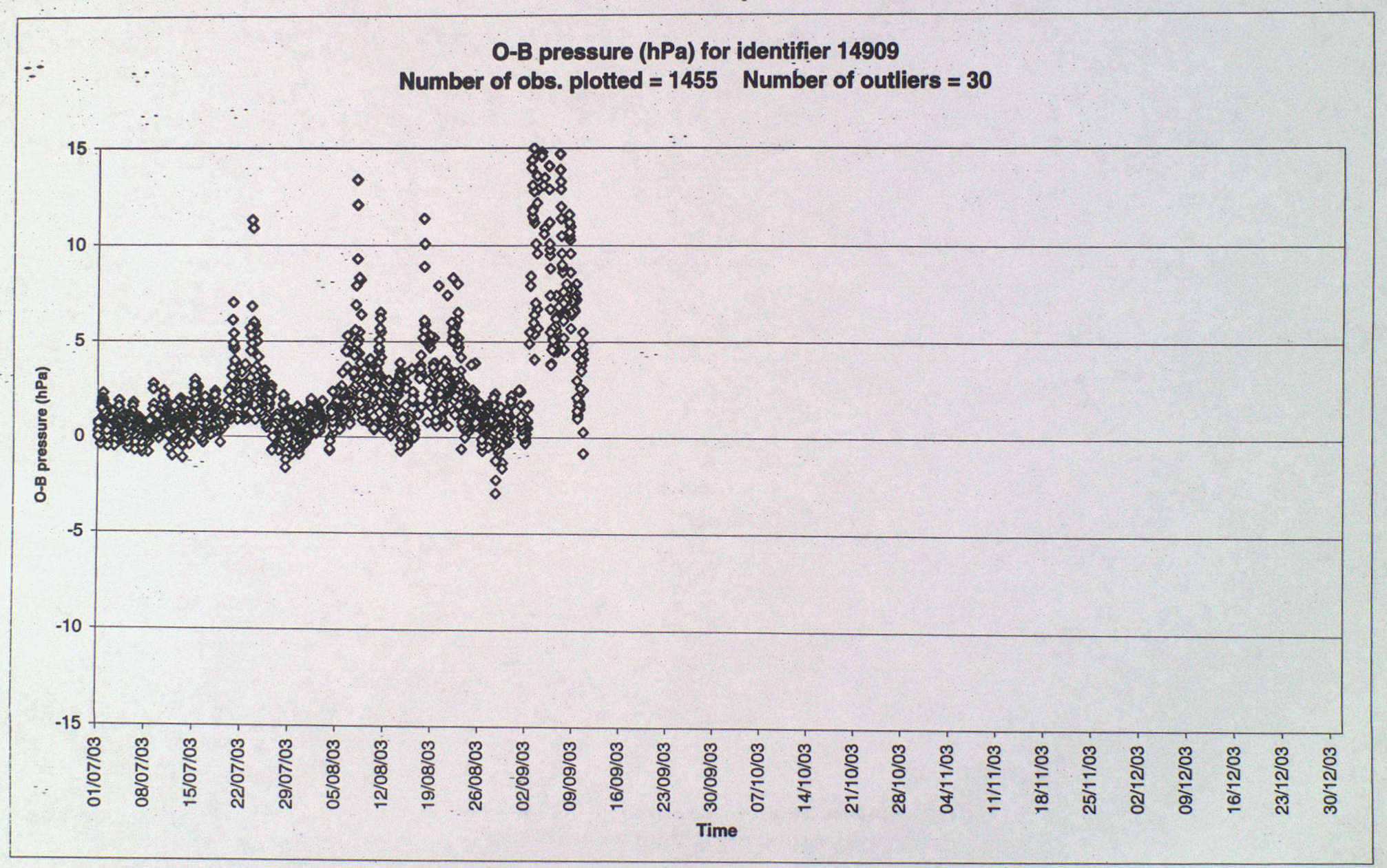

O-B pressure (hPa) for identifier V7DY3
Number of obs. plotted = 44 Number of outliers = 2
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time

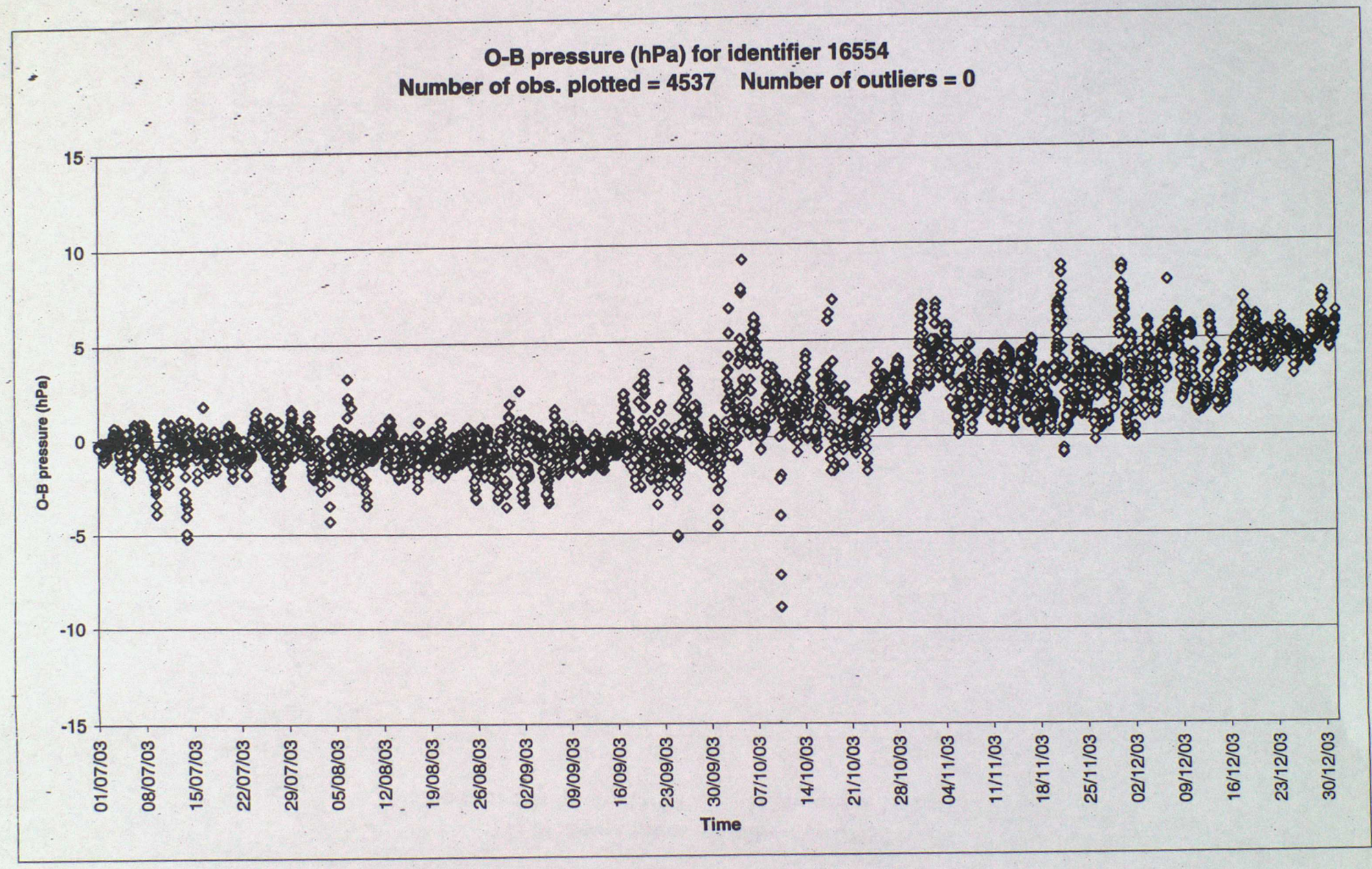

O-B pressure (hPa) for identifier WCY7054
Number of obs. plotted = 103 Number of outliers = 3
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time

O-B pressure (hPa) for identifier WDJK
Number of obs. plotted = 231 Number of outliers = 2
O-B pressure (hPa)
-15
-10
-5
0
5
10
15
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03

O-B pressure (hPa) for identifier WSRH
Number of obs. plotted = 203 Number of outliers = 1
O-B pressure (hPa)
-15
-10
-5
0
5
10
15
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03

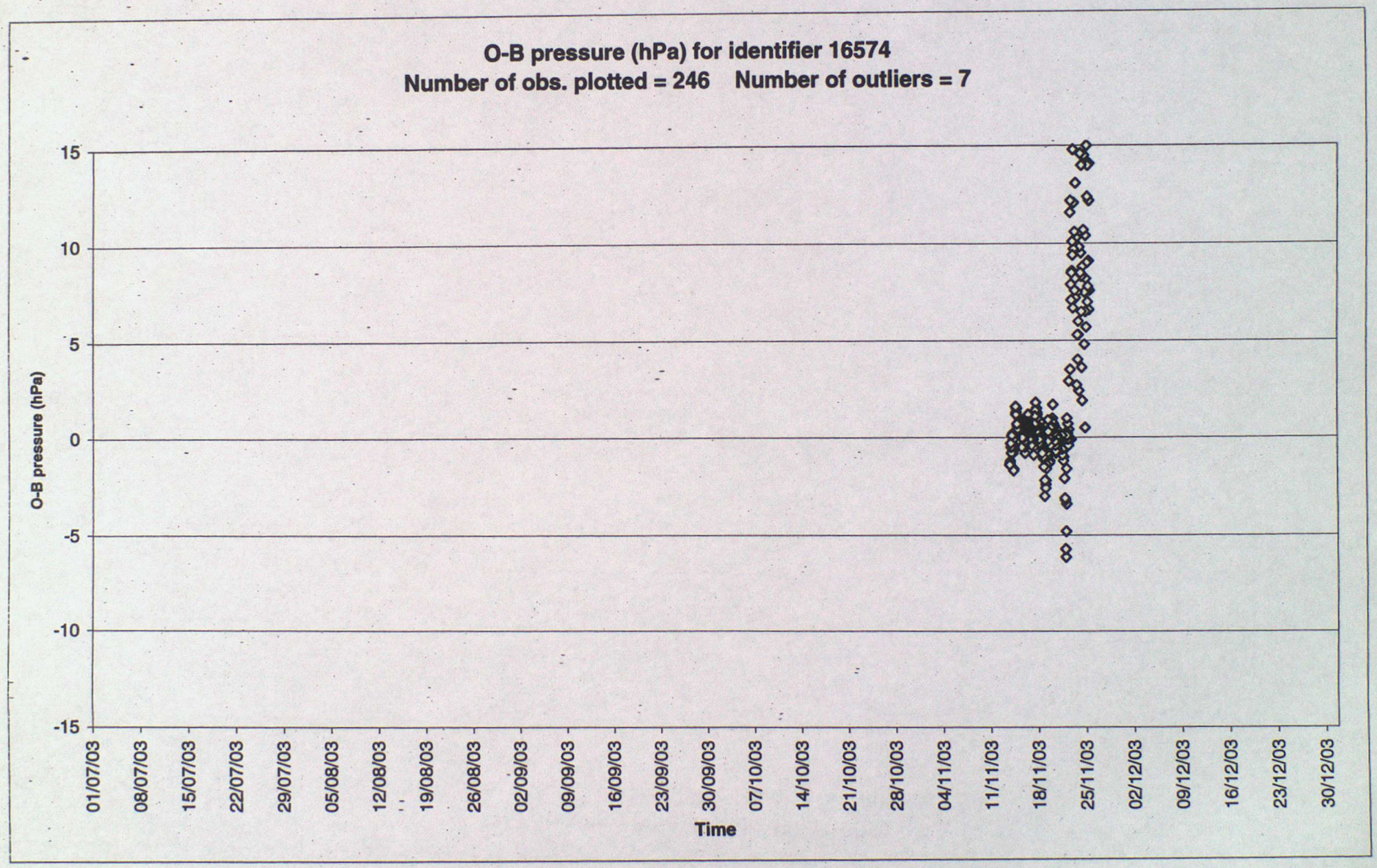

O-B pressure (hPa) for identifier WXKM
Number of obs. plotted = 42 Number of outliers = 0
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time

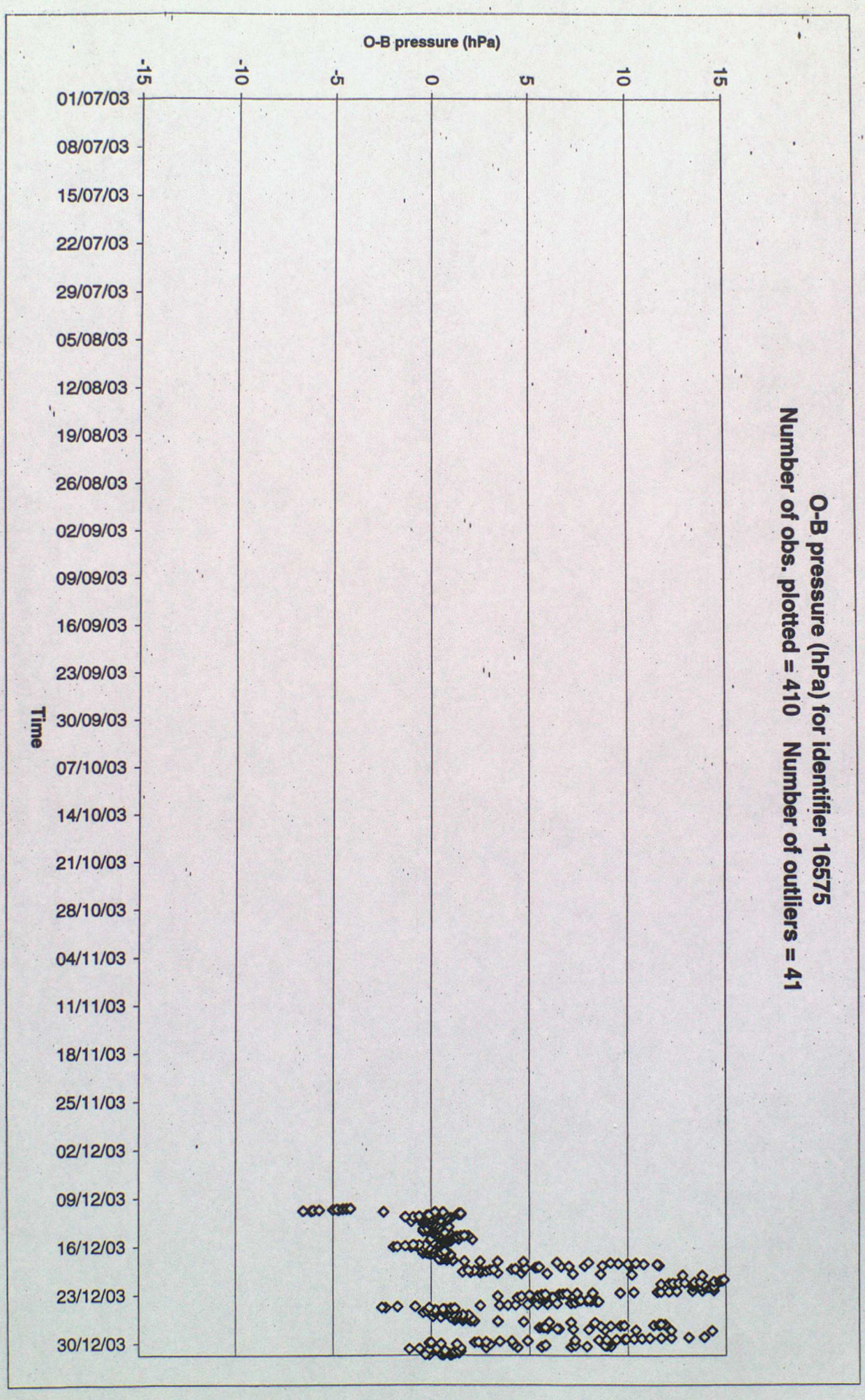

O-B pressure (hPa) for identifier 14909
Number of obs. plotted = 1455 Number of outliers = 30
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time

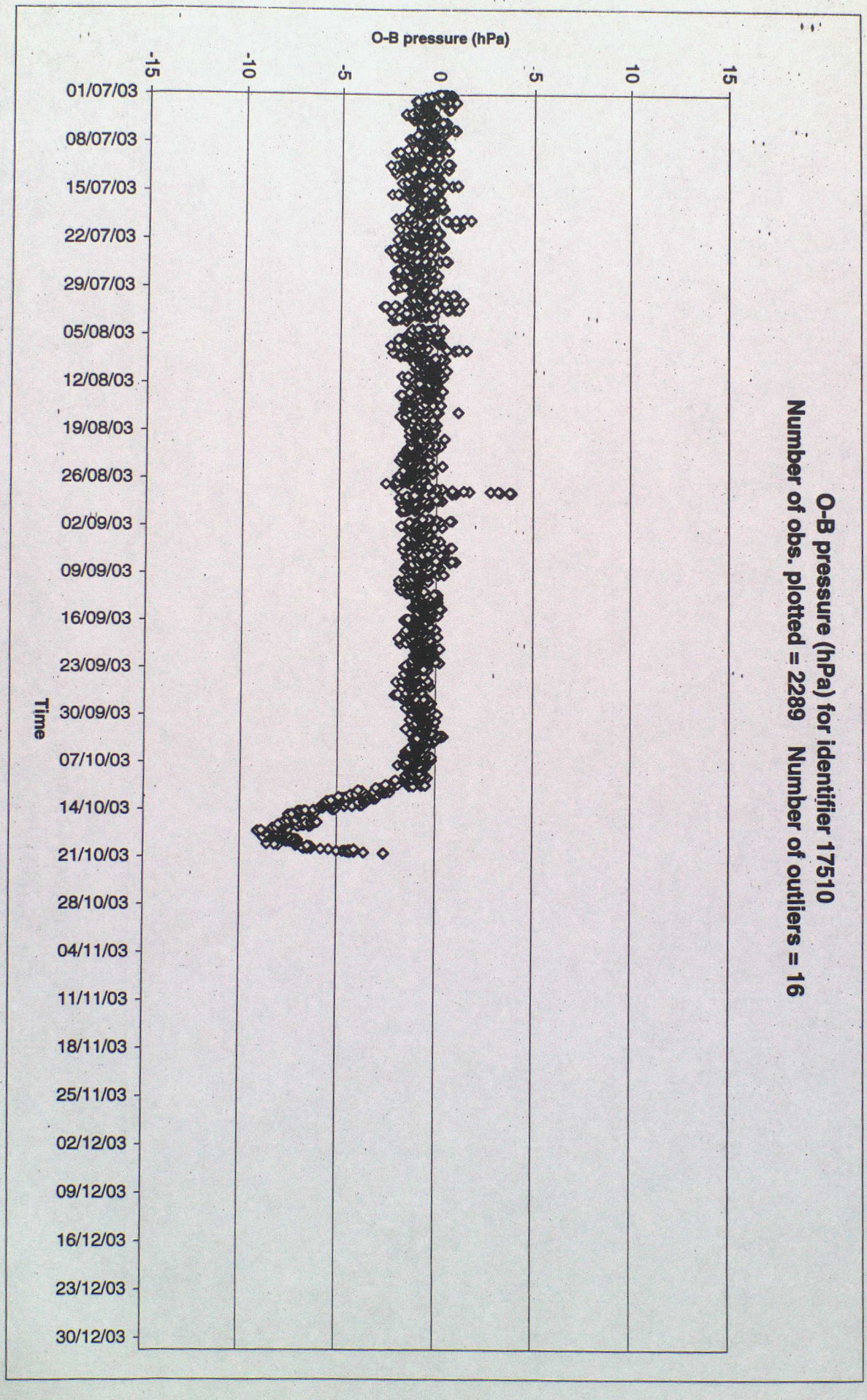

O-B pressure (hPa) for identifier 16554
Number of obs. plotted = 4537 Number of outliers = 0
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time

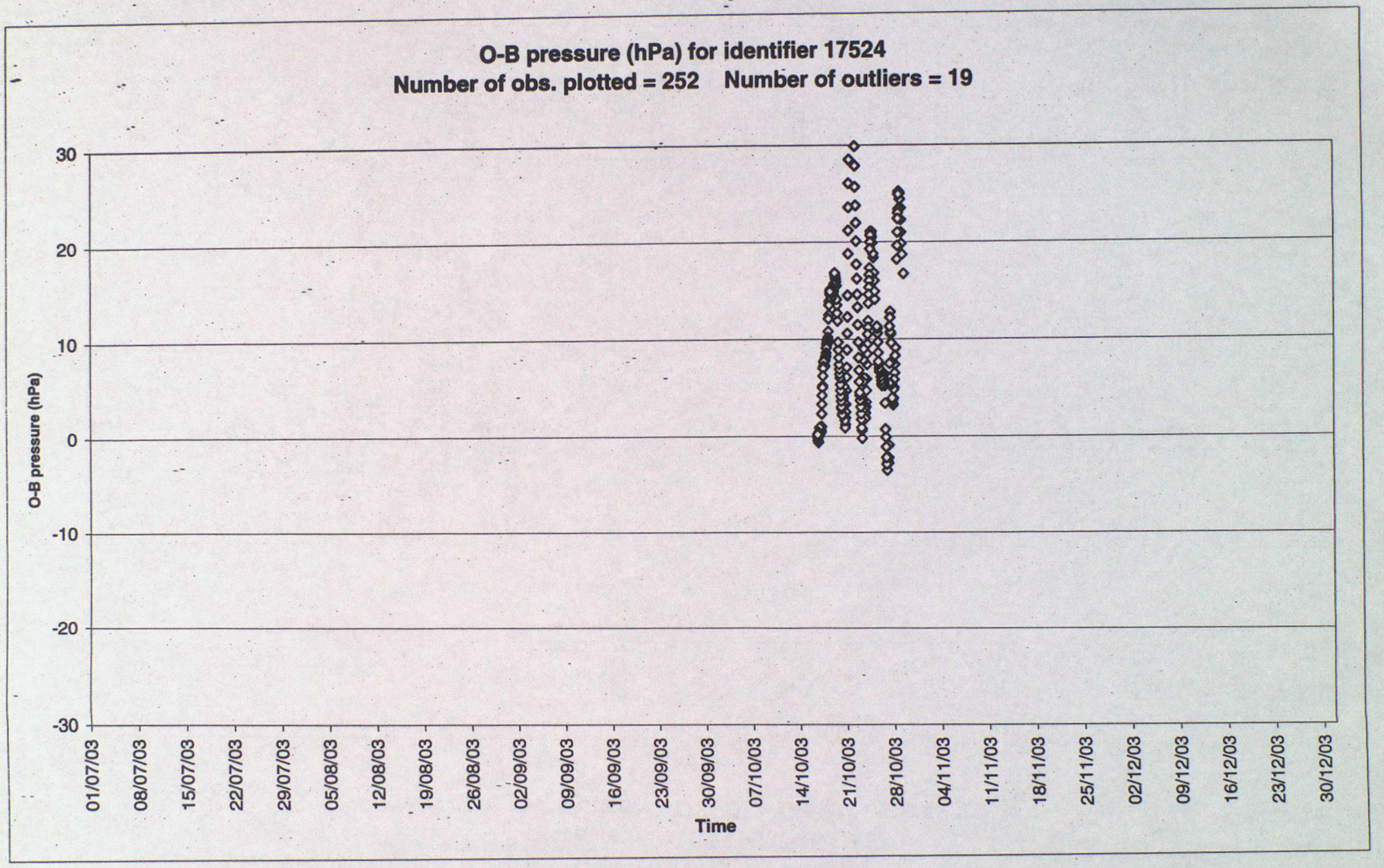
O-B pressure (hPa) for identifier 16559
Number of obs. plotted = 689 Number of outliers = 212
O-B pressure (hPa)
-30
-20
-10
0
10
20
30
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03

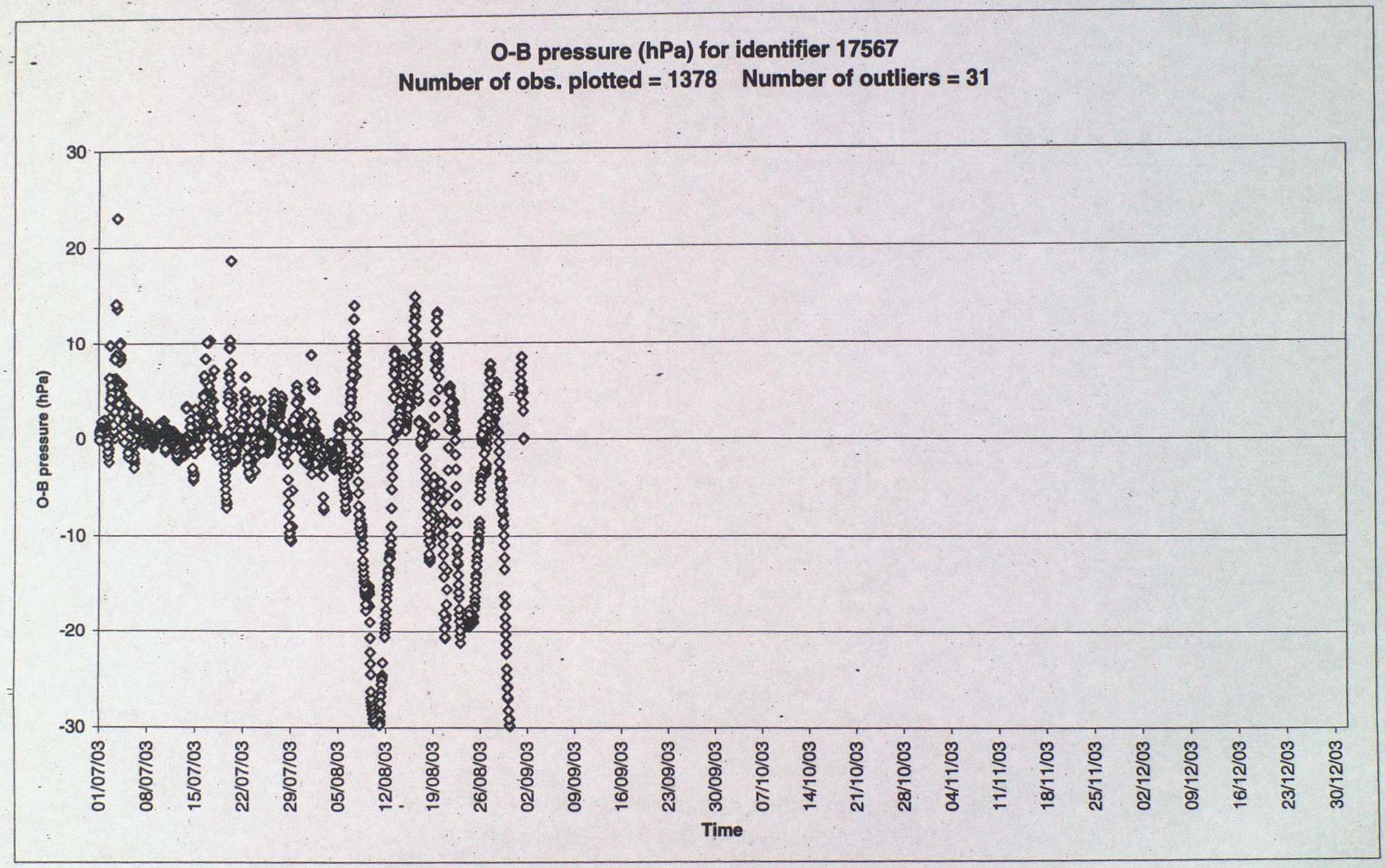
O-B pressure (hPa) for identifier 16570
Number of obs. plotted = 1164 Number of outliers = 90
O-B pressure (hPa)
-30
-20
-10
0
10
20
30
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03


O-B pressure (hPa) for identifier 16574
Number of obs. plotted = 246 Number of outliers = 7
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time


O-B pressure (hPa)
-15
-10
-5
0
5
10
15
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time
O-B pressure (hPa) for identifier 16575
Number of obs. plotted = 410 Number of outliers = 41


O-B pressure (hPa)
-15
-10
-5
0
5
10
15
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
O-B pressure (hPa) for identifier 17510
Number of obs. plotted = 2289 Number of outliers = 16

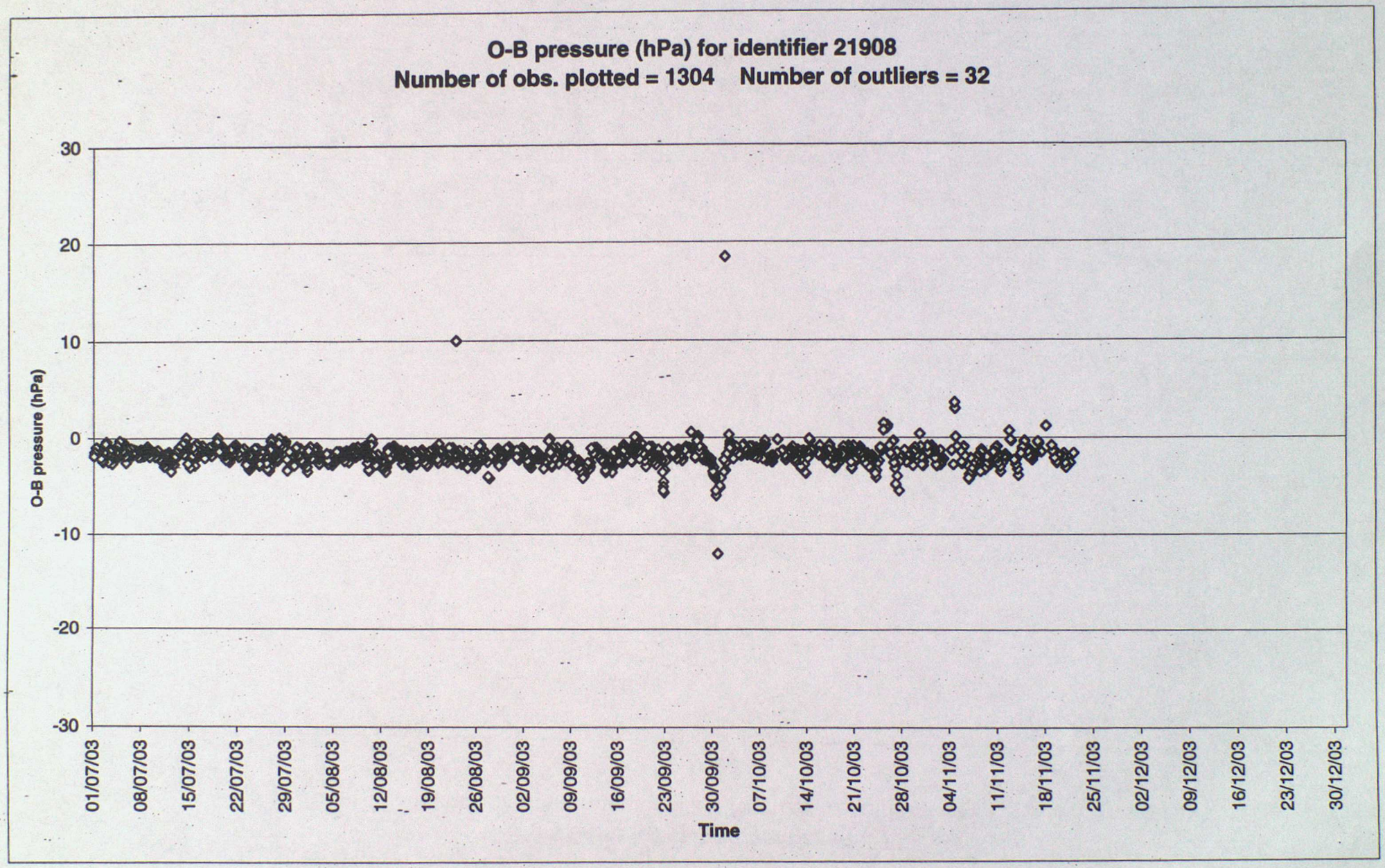

O-B pressure (hPa) for identifier 17524
Number of obs. plotted = 252 Number of outliers = 19
O-B pressure (hPa)
30
20
10
0
-10
-20
-30
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time


O-B pressure (hPa) for identifier 17567
Number of obs. plotted = 1378 Number of outliers = 31
O-B pressure (hPa)
30
20
10
0
-10
-20
-30
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time

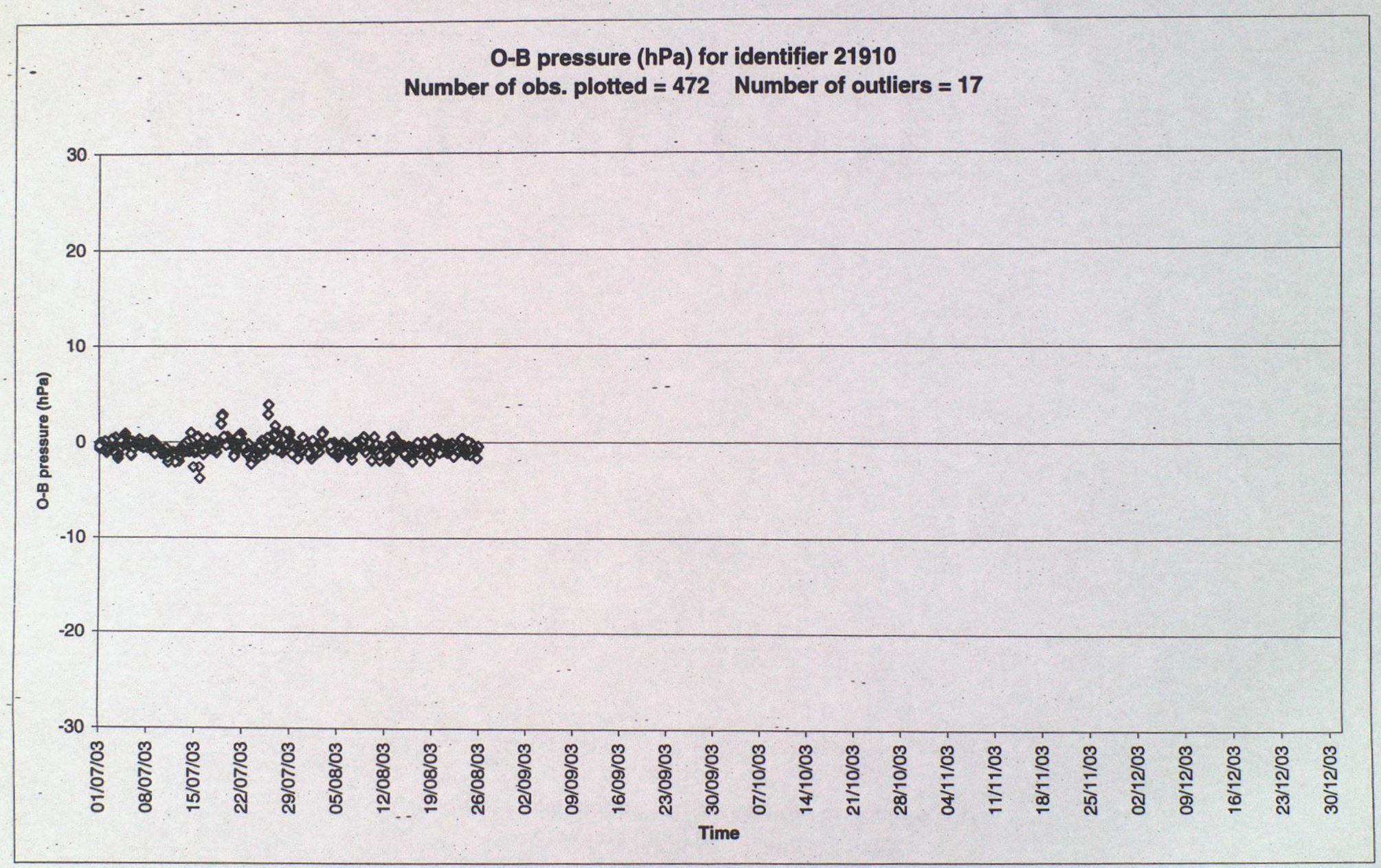
O-B pressure (hPa) for identifier 17653
Number of obs. plotted = 265 Number of outliers = 0
O-B pressure (hPa)
-15
-10
-5
0
5
10
15
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03

O-B pressure (hPa) for identifier 21906
Number of obs. plotted = 298 Number of outliers = 26
O-B pressure (hPa)
-30
-20
-10
0
10
20
30
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03

O-B pressure (hPa) for identifier 21907
Number of obs. plotted = 322 Number of outliers = 91
O-B pressure (hPa)
-30
-20
-10
0
10
20
30
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03


O-B pressure (hPa) for identifier 21908
Number of obs. plotted = 1304 Number of outliers = 32
O-B pressure (hPa)
30
20
10
0
-10
-20
-30
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time

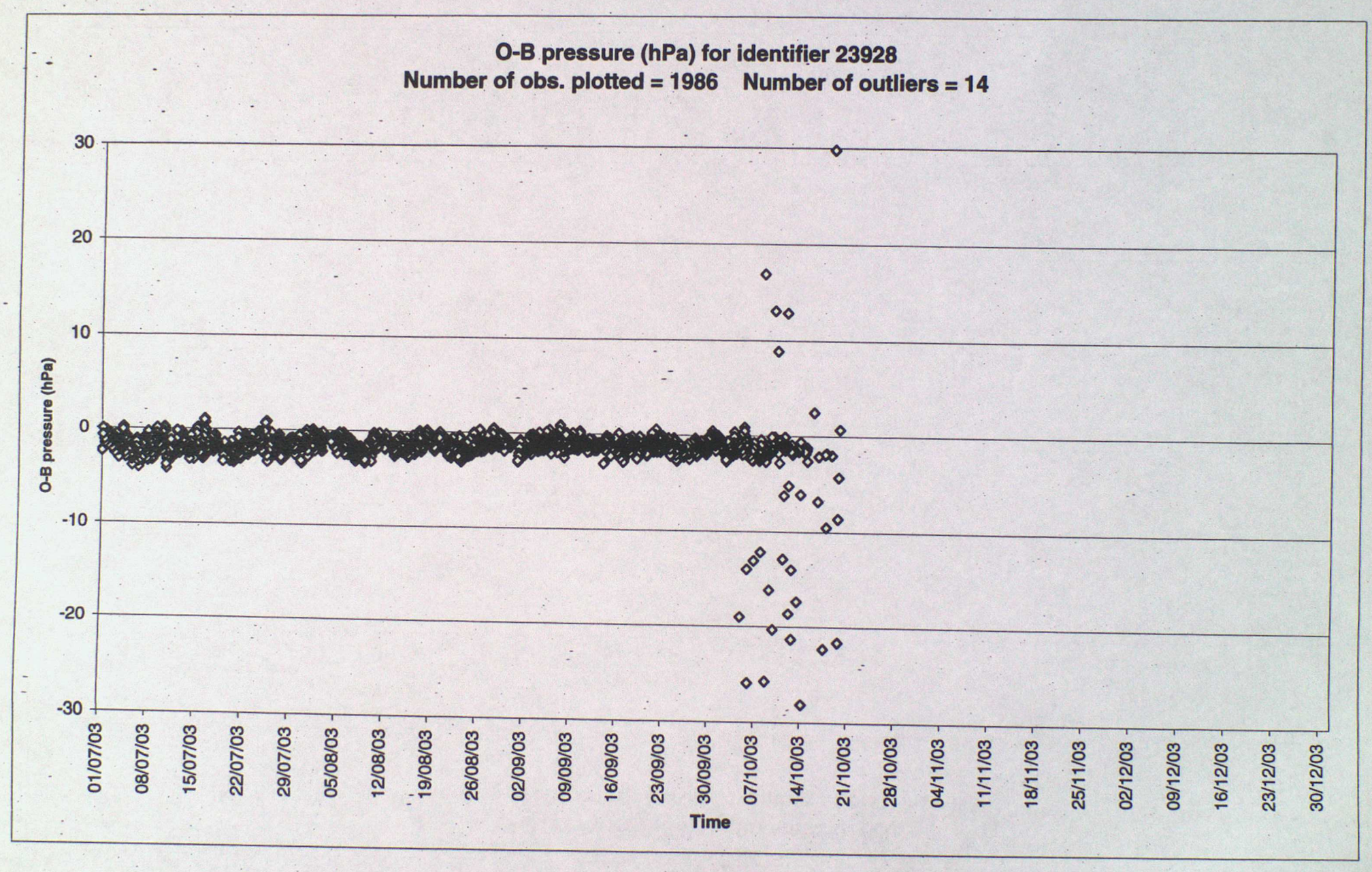
O-B pressure (hPa) for identifier 21909
Number of obs. plotted = 366 Number of outliers = 21
O-B pressure (hPa)
-30
-20
-10
0
10
20
30
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03


O-B pressure (hPa) for identifier 21910
Number of obs. plotted = 472 Number of outliers = 17
O-B pressure (hPa)
30
20
10
0
-10
-20
-30
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time

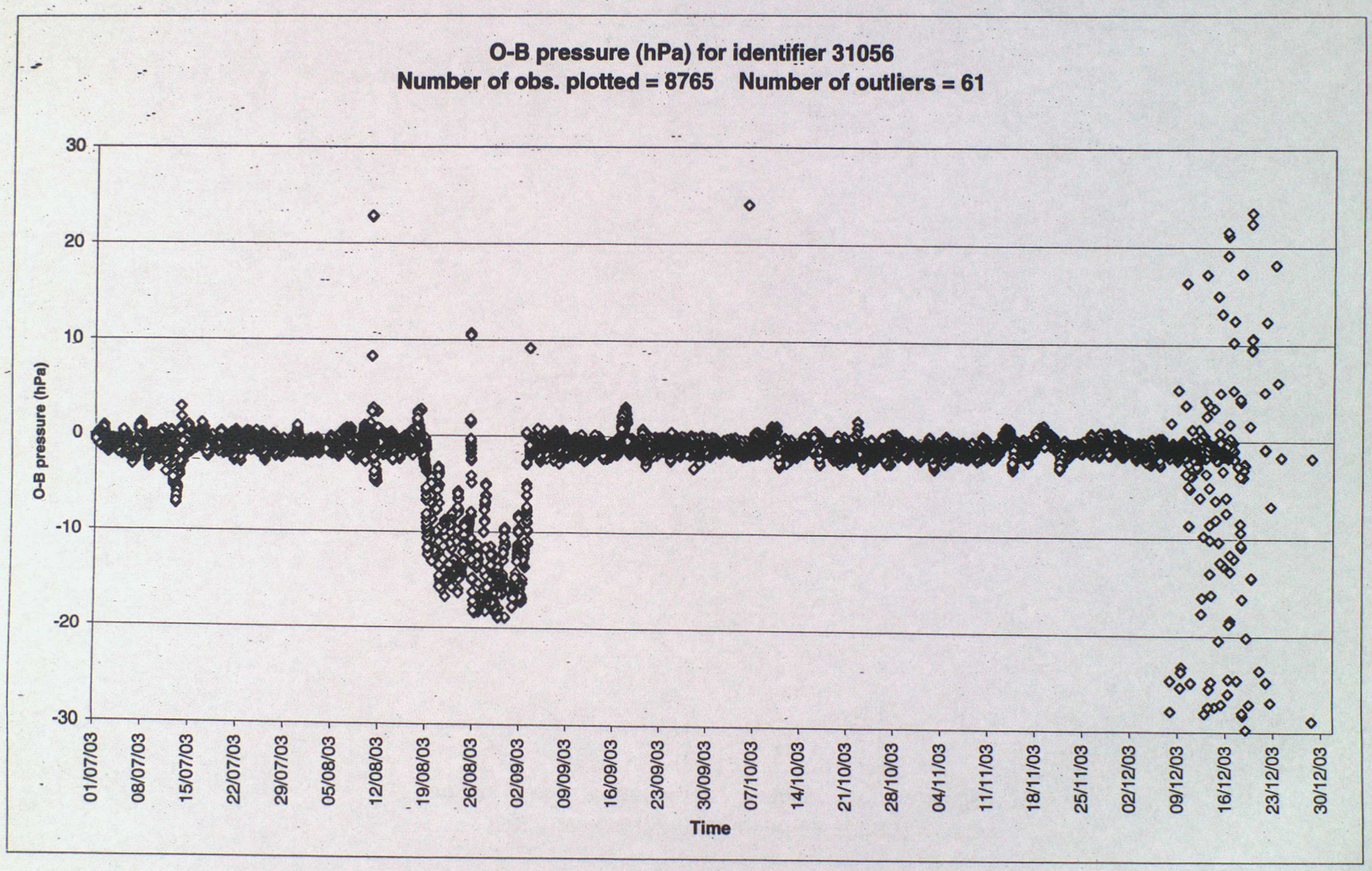
O-B pressure (hPa) for identifier 23505
Number of obs. plotted = 736 Number of outliers = 0
O-B pressure (hPa)
-30
-20
-10
0
10
20
30
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03

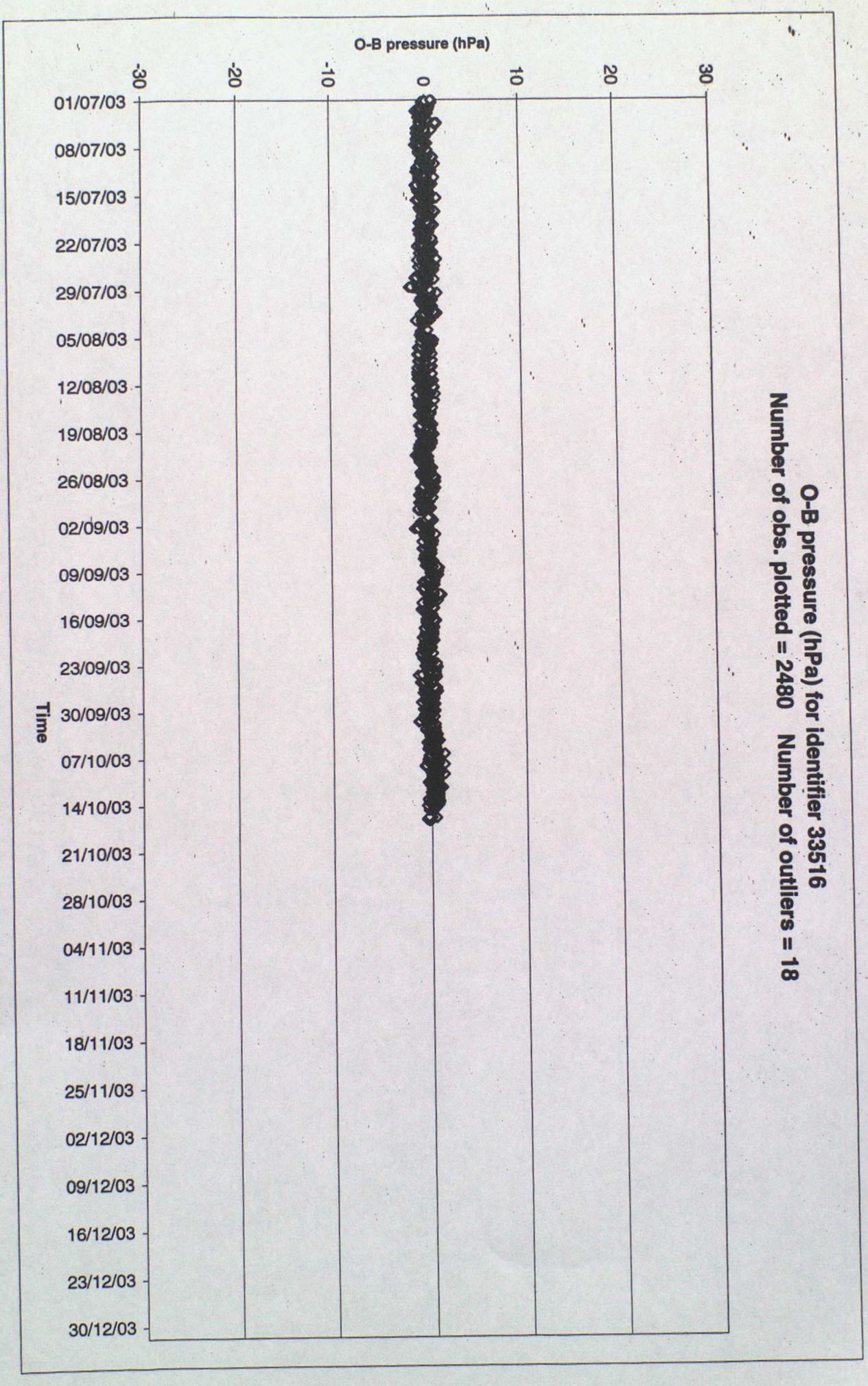
O-B pressure (hPa) for identifier 23597
Number of obs. plotted = 1126 Number of outliers = 7
O-B pressure (hPa)
-15
-10
-5
0
5
10
15
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03

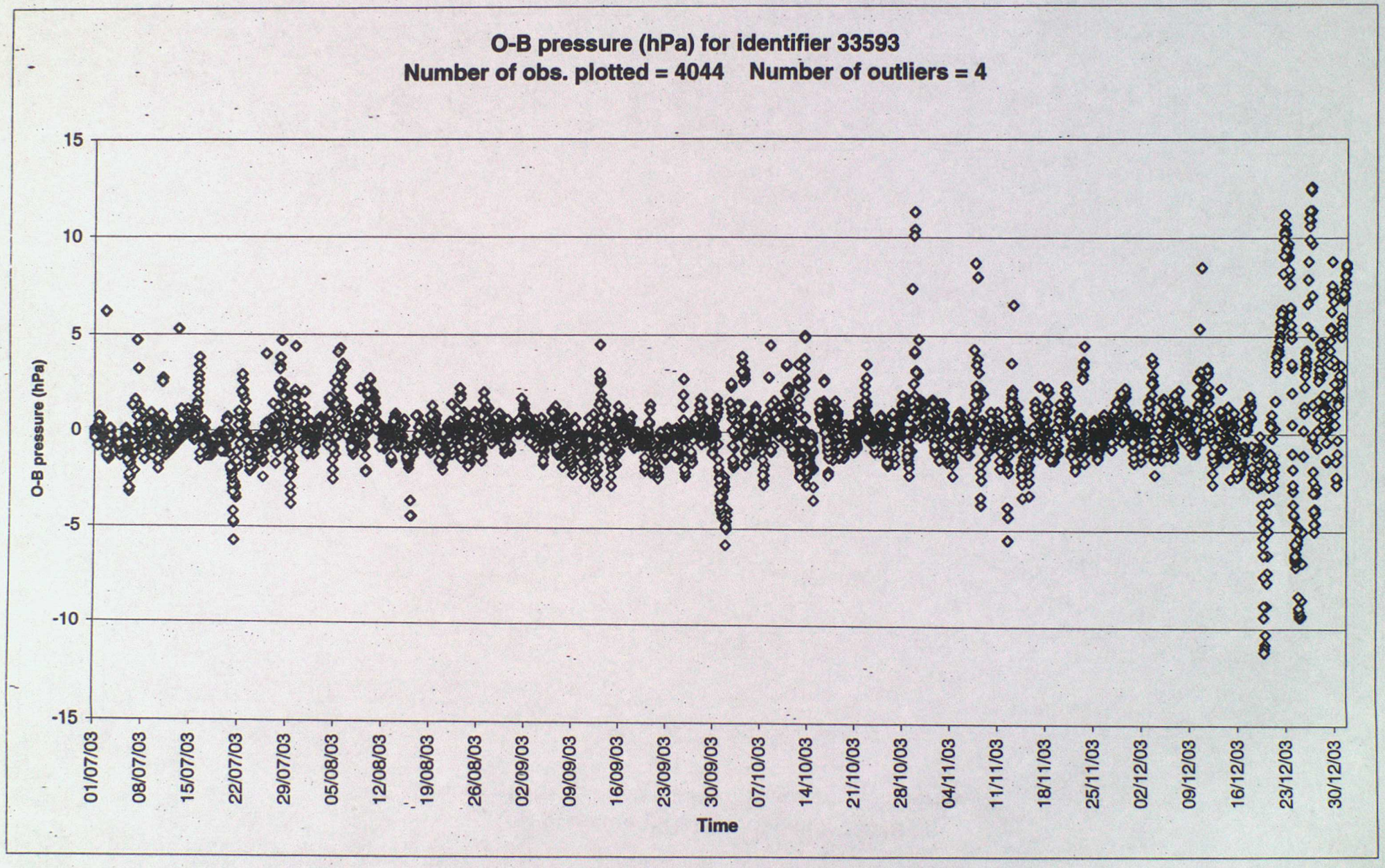
O-B pressure (hPa) for identifier 23600
Number of obs. plotted = 34 Number of outliers = 62
O-B pressure (hPa)
-30
-20
-10
0
10
20
30
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03


O-B pressure (hPa) for identifier 23928
Number of obs. plotted = 1986 Number of outliers = 14
O-B pressure (hPa)
30
20
10
0
-10
-20
-30
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time

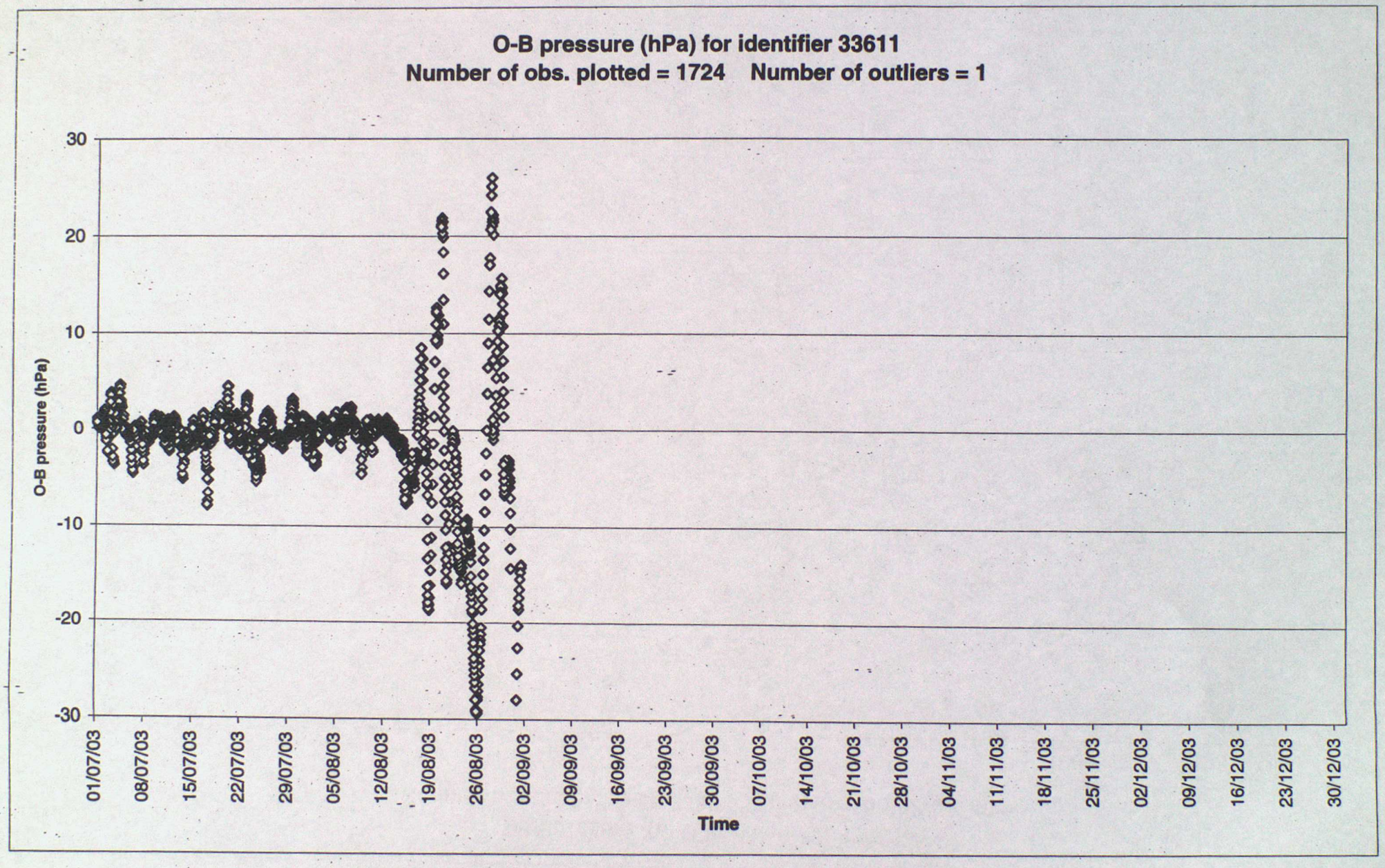
O-B pressure (hPa) for identifier 3FPS9
Number of obs. plotted = 154 Number of outliers = 0
O-B pressure (hPa)
-15
-10
-5
0
5
10
15
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03


O-B pressure (hPa) for identifier 31056
Number of obs. plotted = 8765 Number of outliers = 61
O-B pressure (hPa)
30
20
10
0
-10
-20
-30
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time


O-B pressure (hPa) for identifier 33516
Number of obs. plotted = 2480 Number of outliers = 18
O-B pressure (hPa)
-30
-20
-10
0
10
20
30
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03

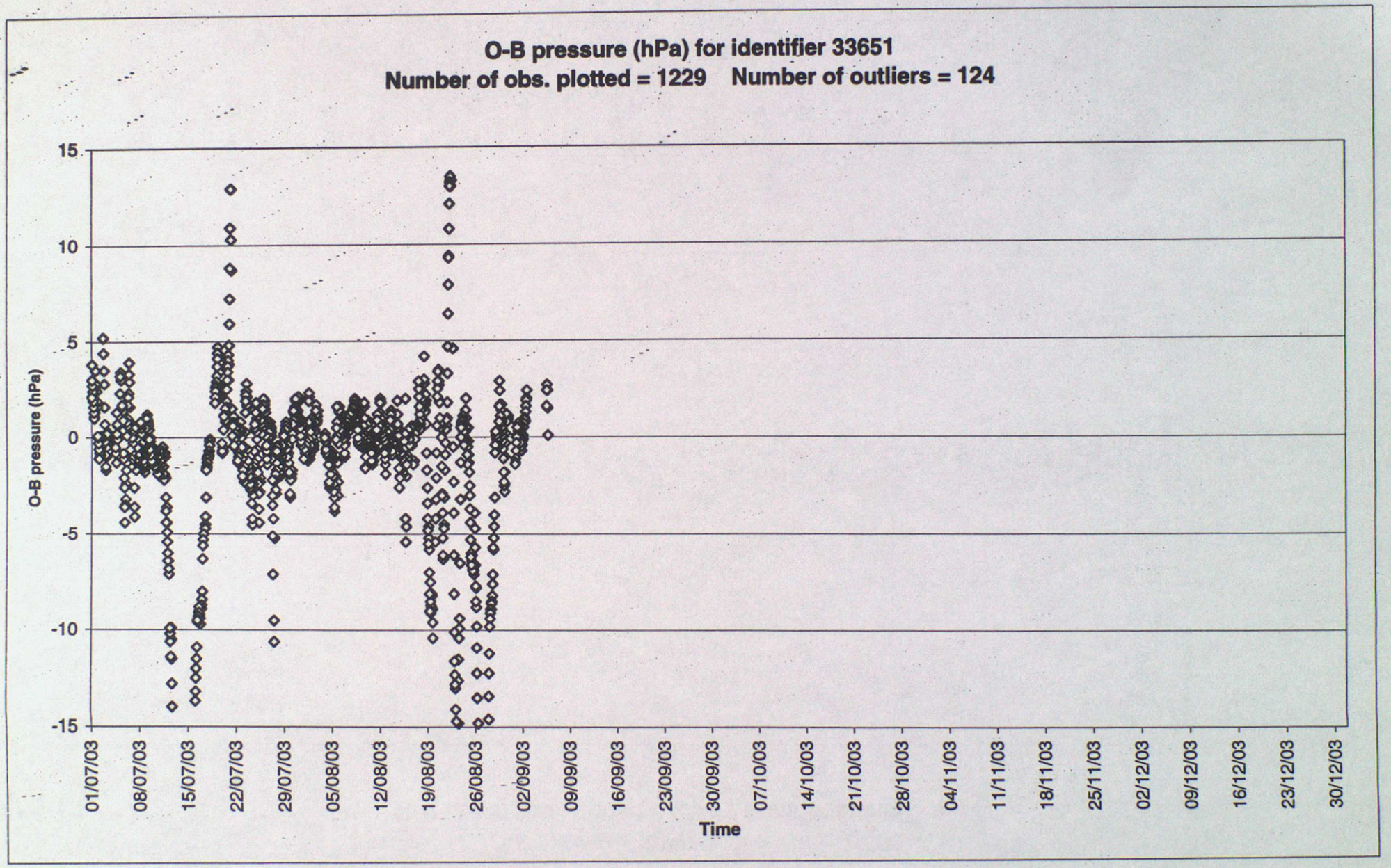

O-B pressure (hPa) for identifier 33593
Number of obs. plotted = 4044 Number of outliers = 4
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time

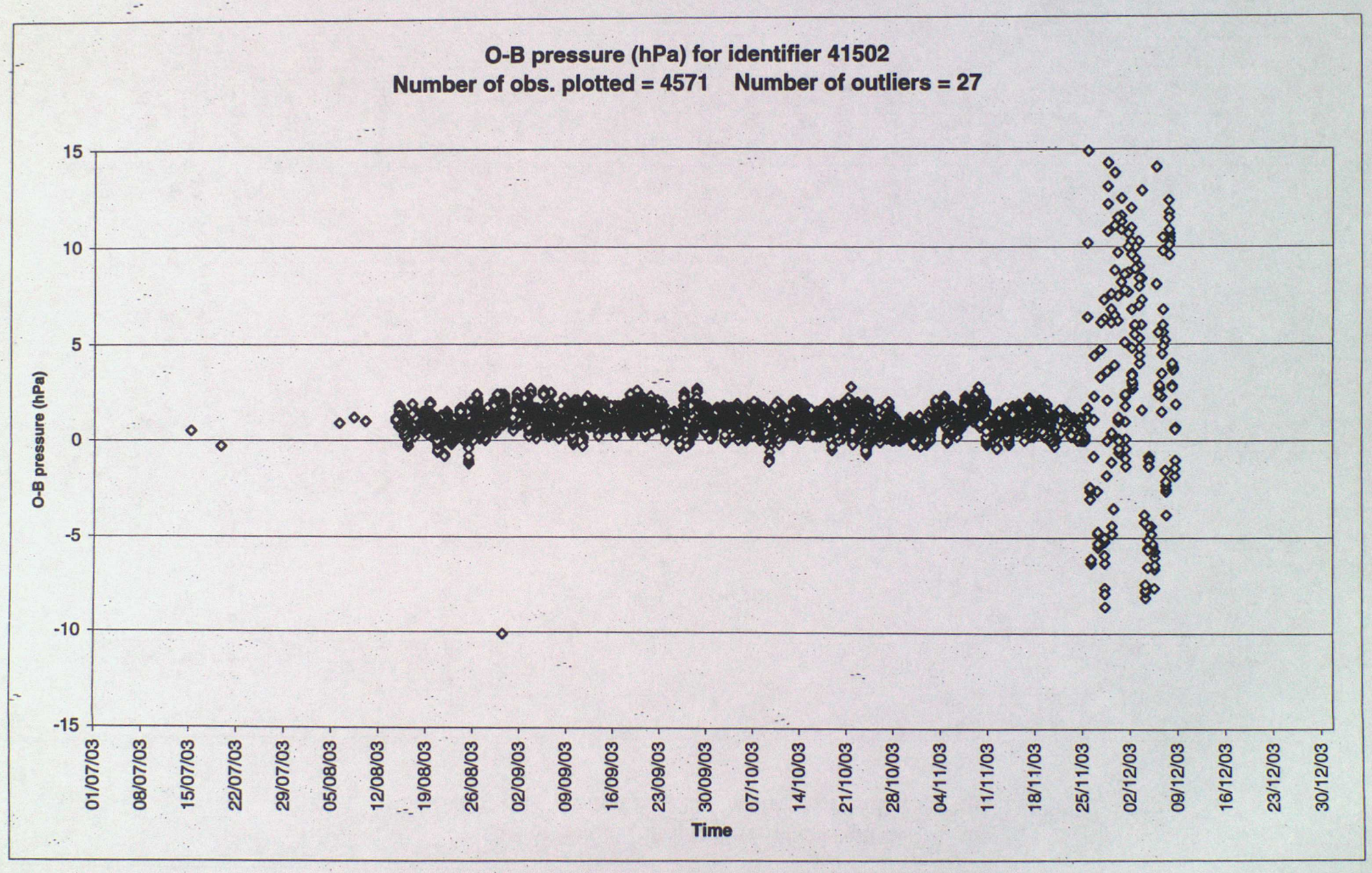
O-B pressure (hPa) for identifier 33600
Number of obs. plotted = 3133 Number of outliers = 40
O-B pressure (hPa)
-15
-10
-5
0
5
10
15
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03

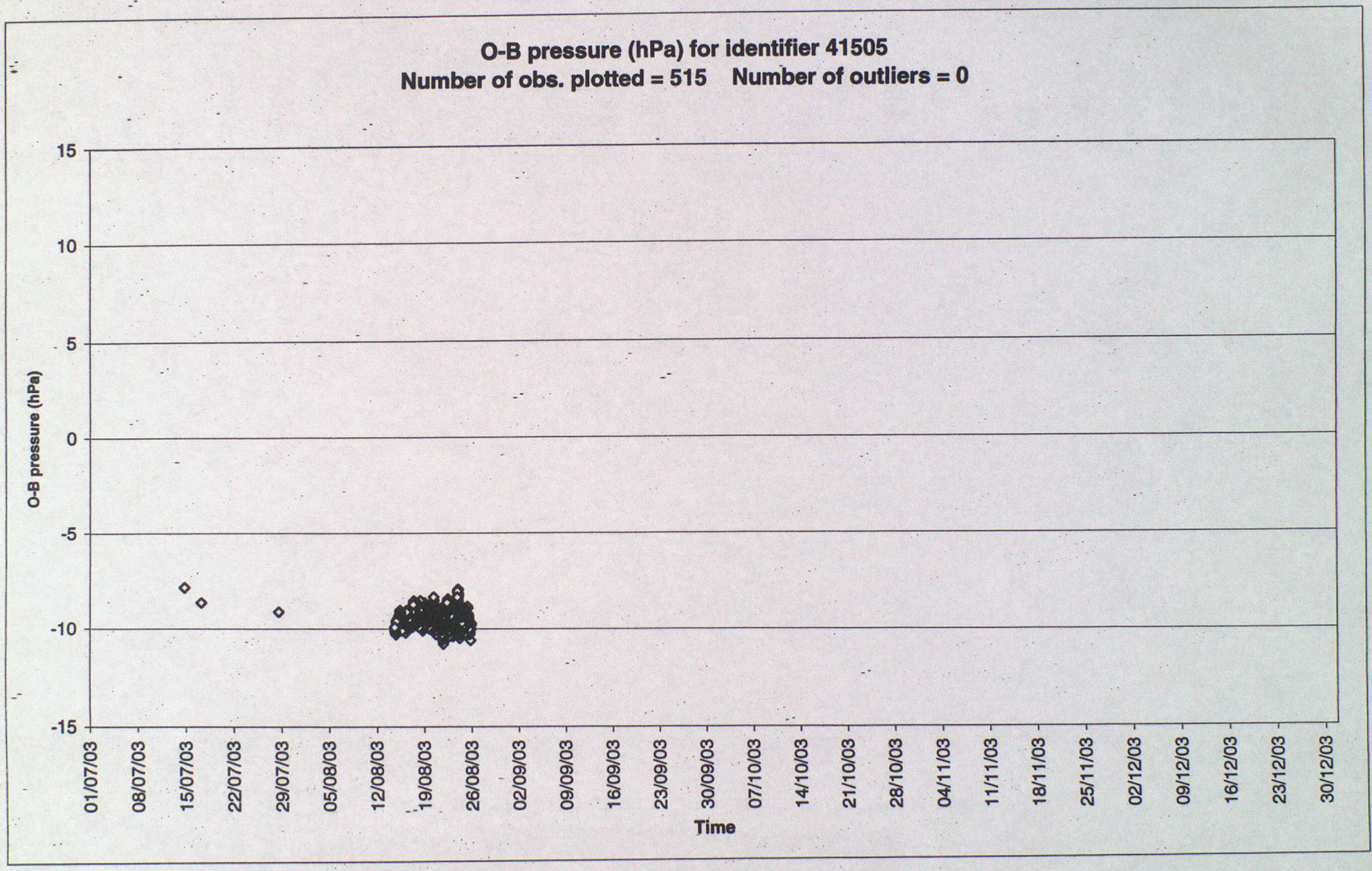

O-B pressure (hPa) for identifier 33611
Number of obs. plotted = 1724 Number of outliers = 1
O-B pressure (hPa)
30
20
10
0
-10
-20
-30
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time

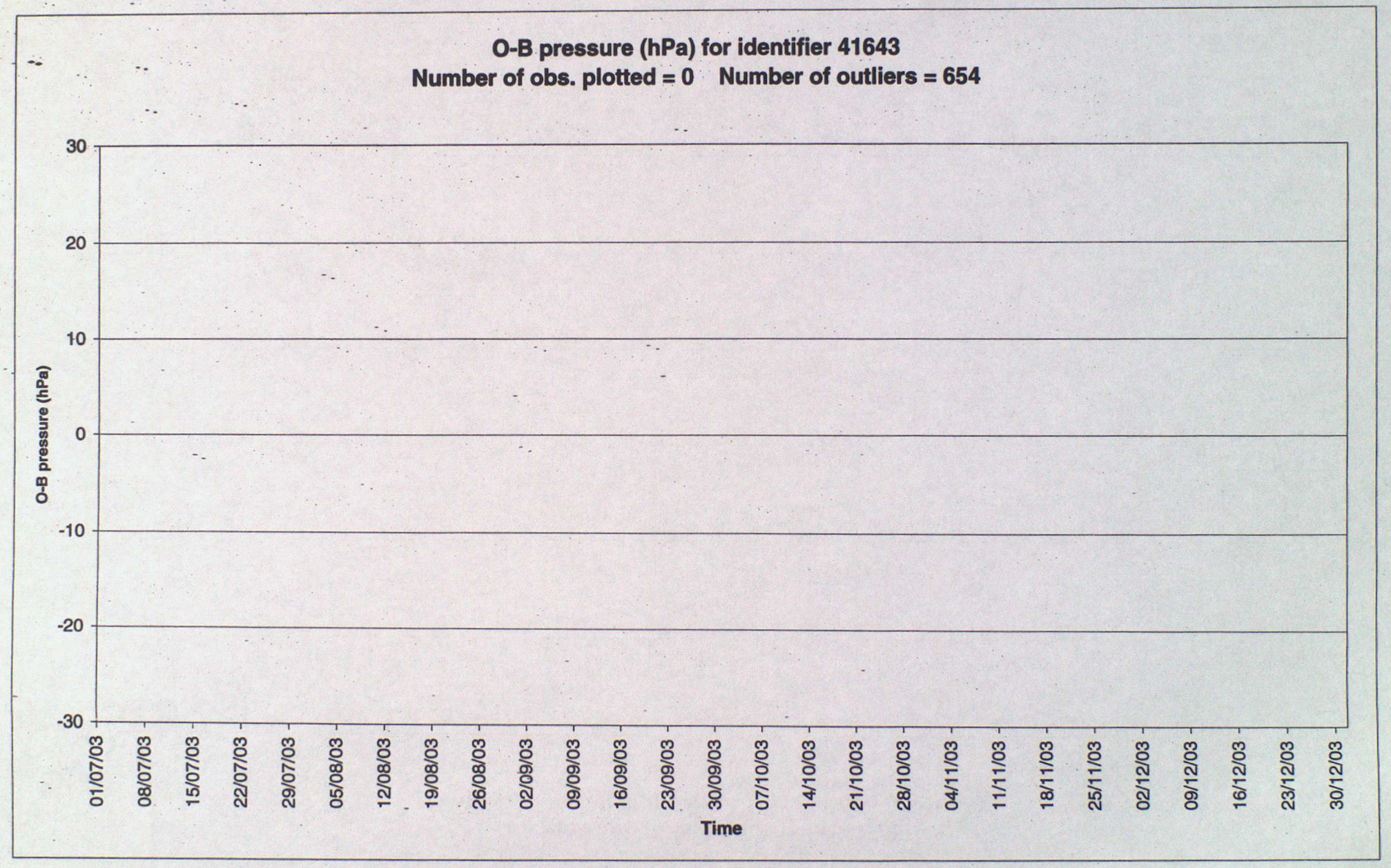
O-B pressure (hPa) for identifier 33614
Number of obs. plotted = 378 Number of outliers = 45
O-B pressure (hPa)
-30
-20
-10
0
10
20
30
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03

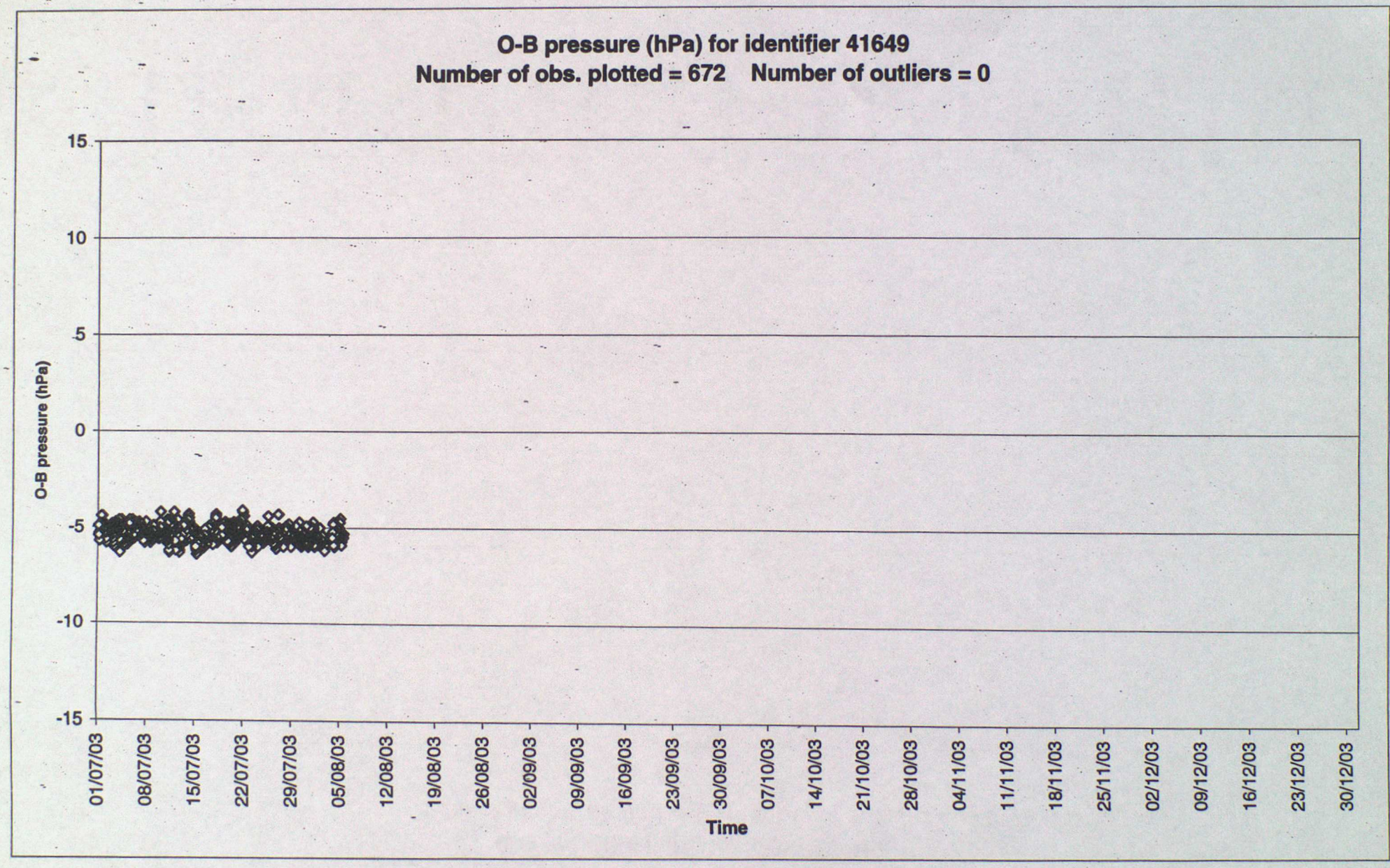
O-B pressure (hPa) for identifier 33630
Number of obs. plotted = 2183 Number of outliers = 195
O-B pressure (hPa)
-15
-10
-5
0
5
10
15
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03


O-B pressure (hPa) for identifier 33651
Number of obs. plotted = 1229 Number of outliers = 124
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time

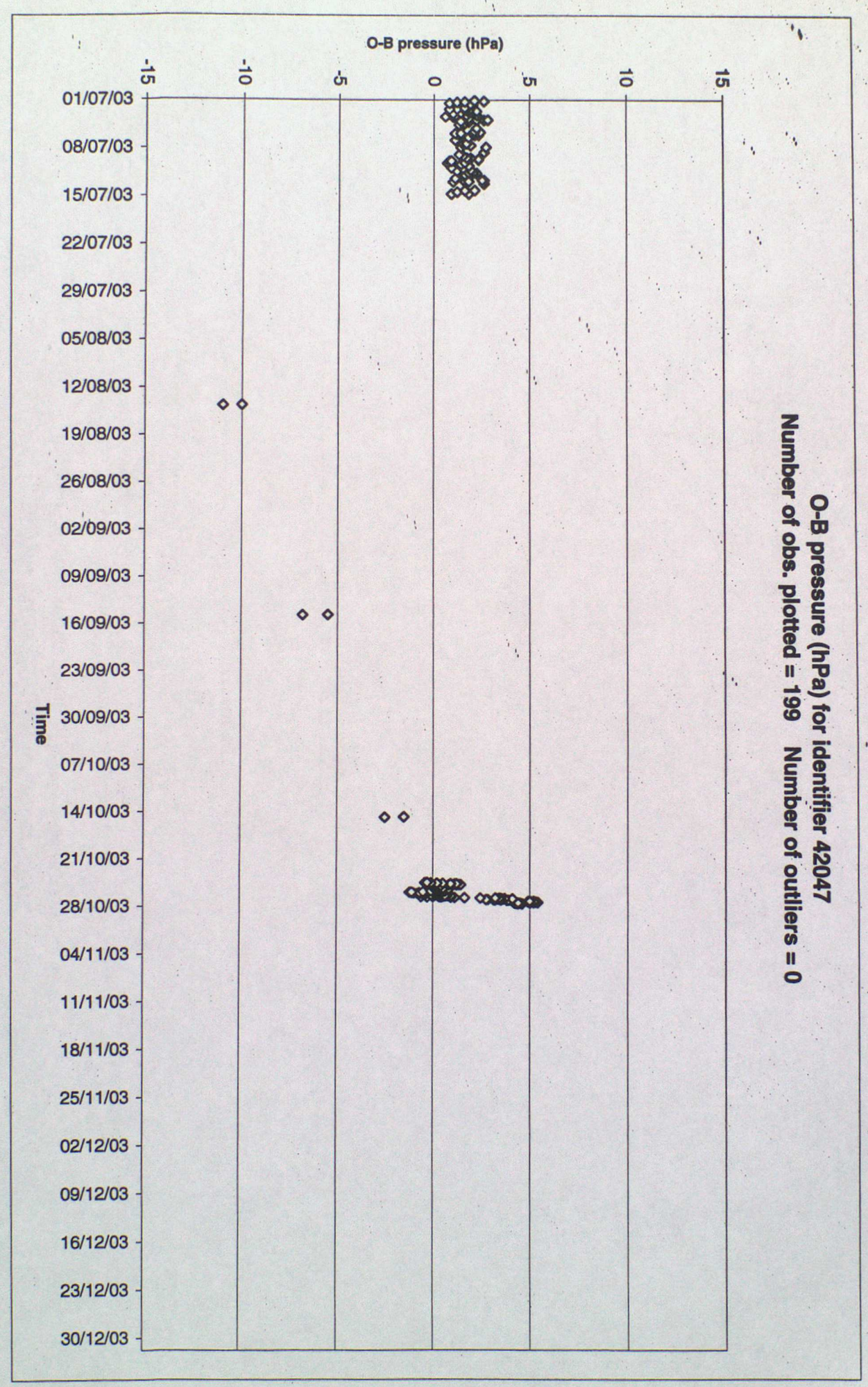

O-B pressure (hPa) for identifier 41502
Number of obs. plotted = 4571 Number of outliers = 27
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time

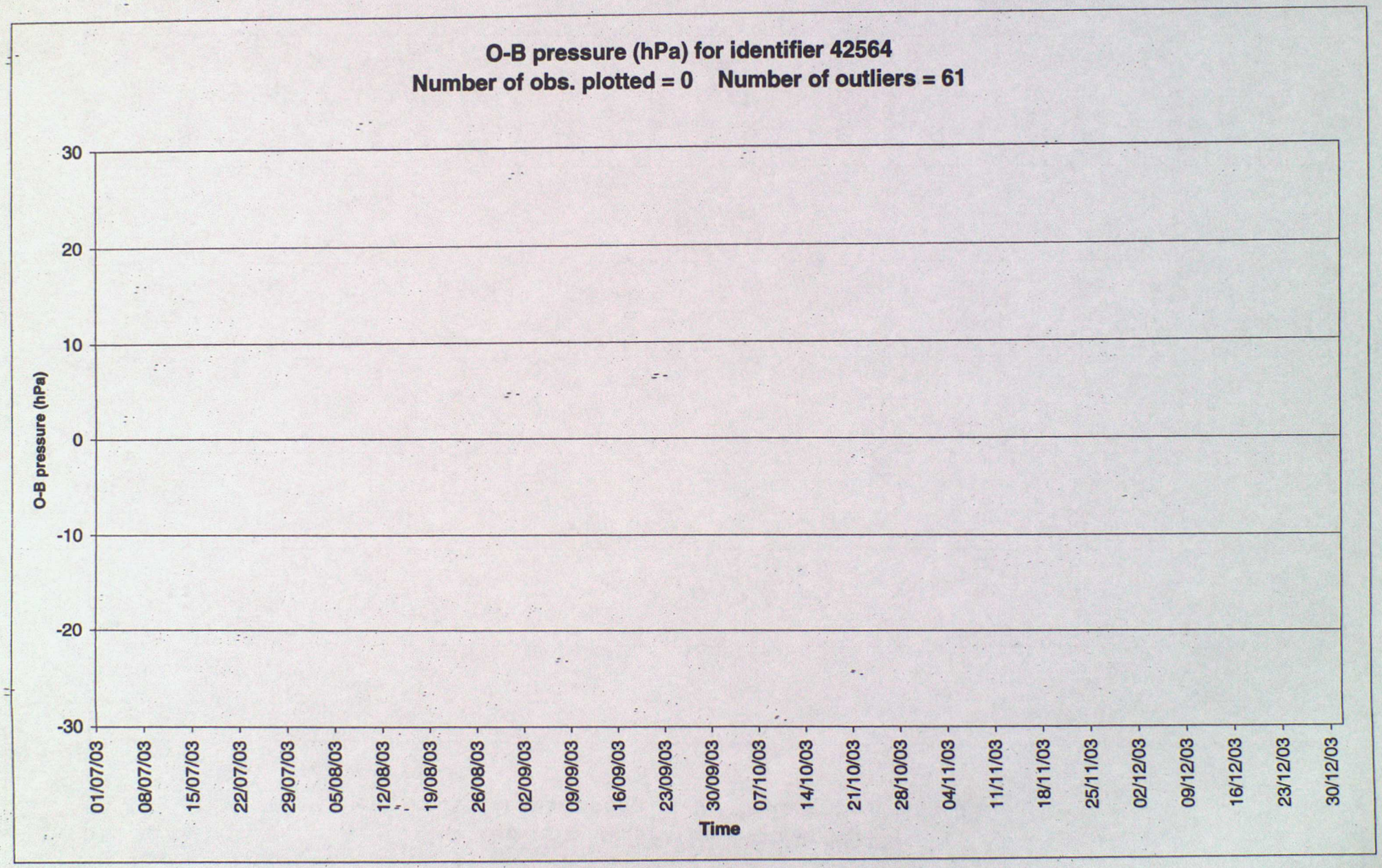

O-B pressure (hPa) for identifier 41505
Number of obs. plotted = 515 Number of outliers = 0
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time

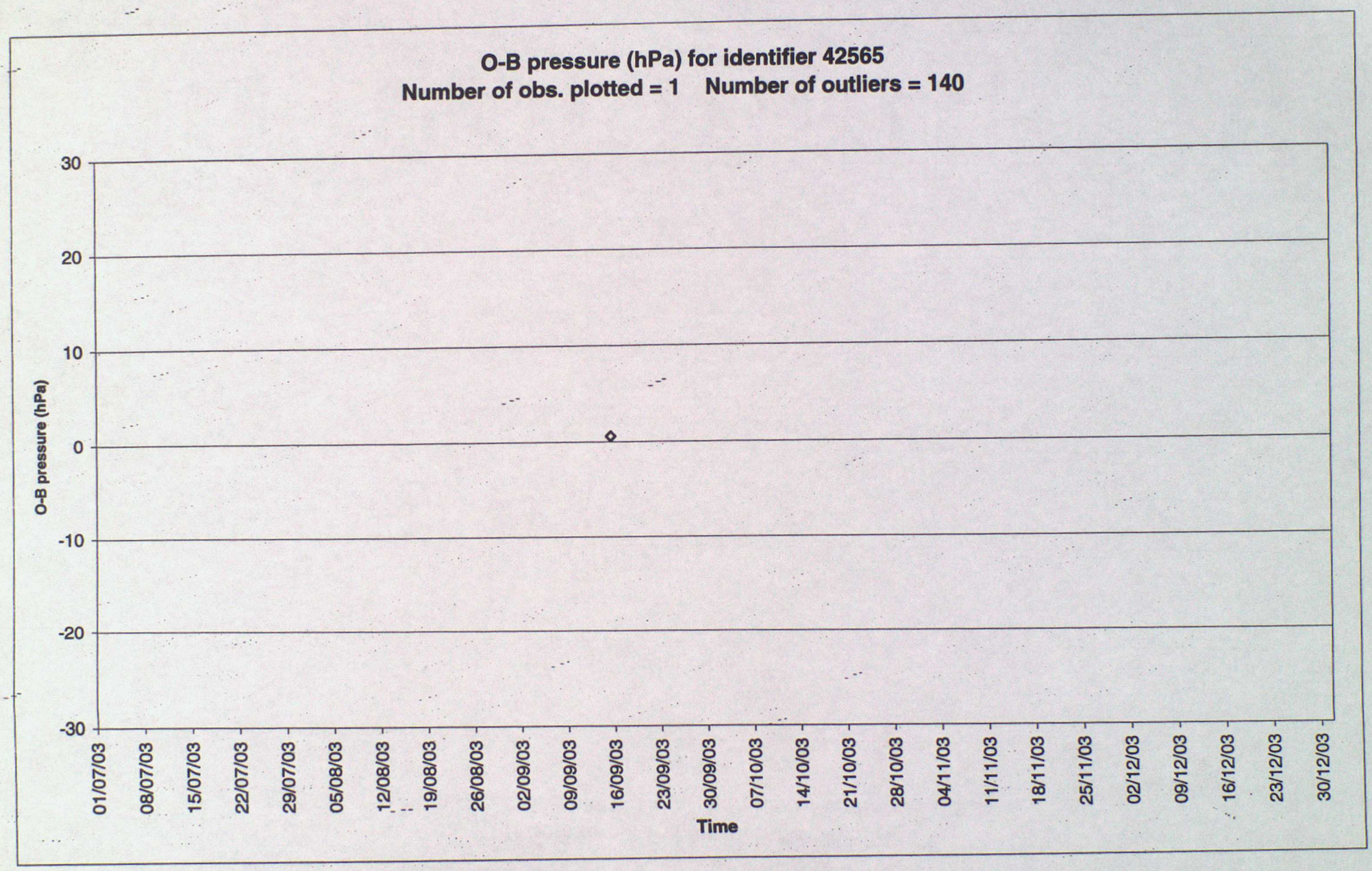

O-B pressure (hPa) for identifier 41643
Number of obs. plotted = 0 Number of outliers = 654
O-B pressure (hPa)
30
20
10
0
-10
-20
-30
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time


O-B pressure (hPa) for identifier 41649
Number of obs. plotted = 672 Number of outliers = 0
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time

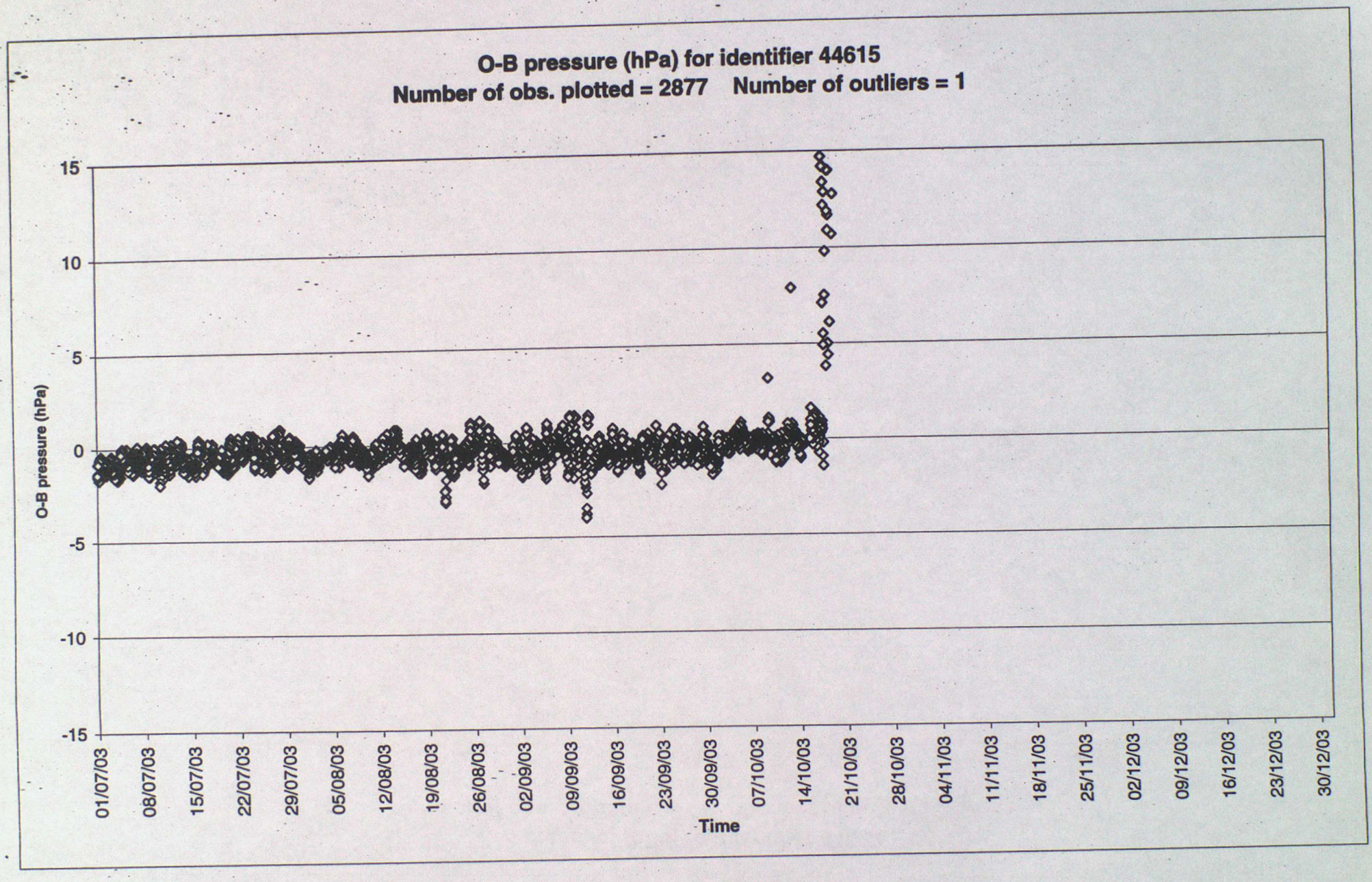
O-B pressure (hPa) for identifier 41651
Number of obs. plotted = 0 Number of outliers = 542
O-B pressure (hPa)
-30
-20
-10
0
10
20
30
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03

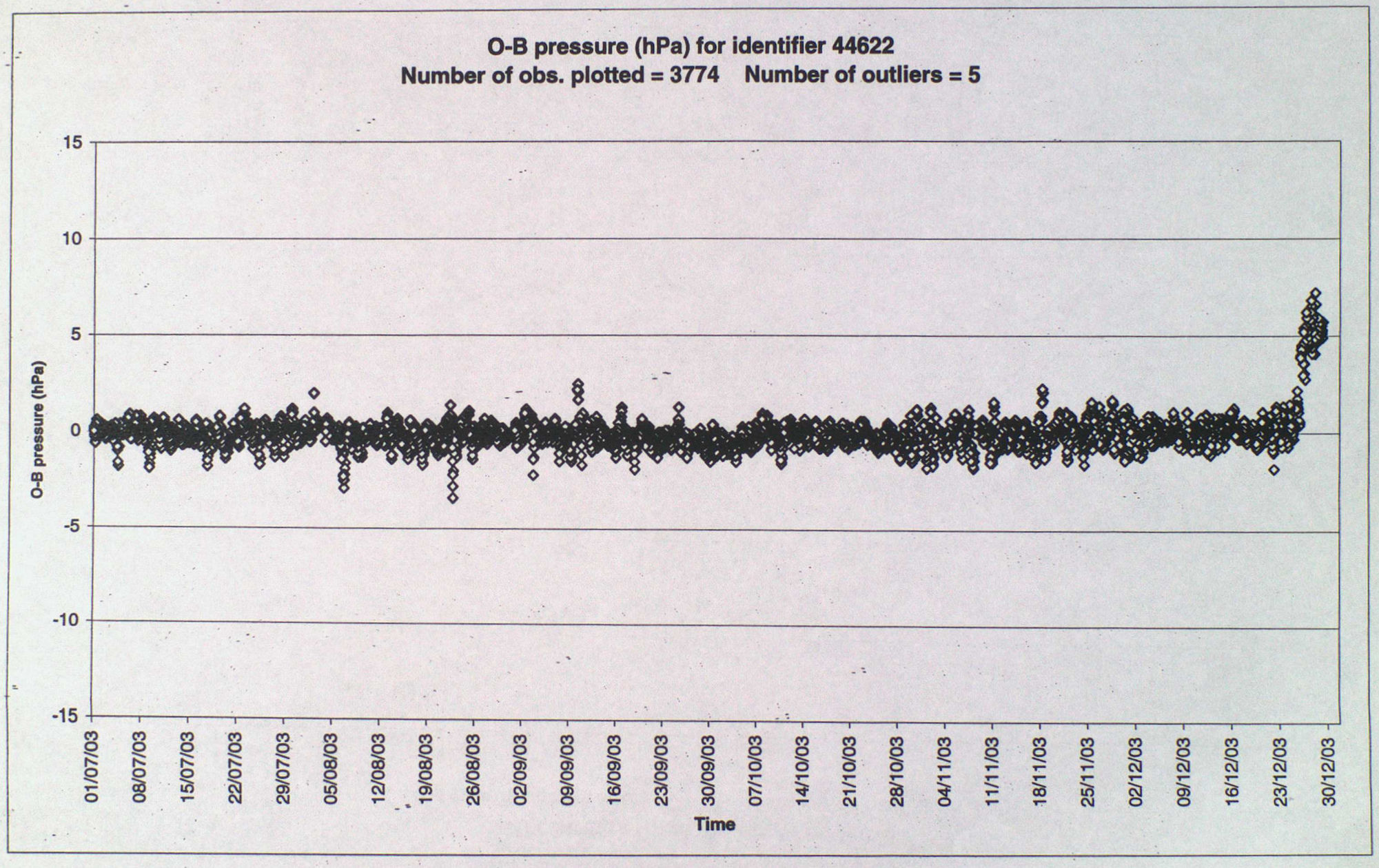

O-B pressure (hPa)
-15
-10
-5
0
5
10
15
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time
O-B pressure (hPa) for identifier 42047
Number of obs. plotted = 199 Number of outliers = 0

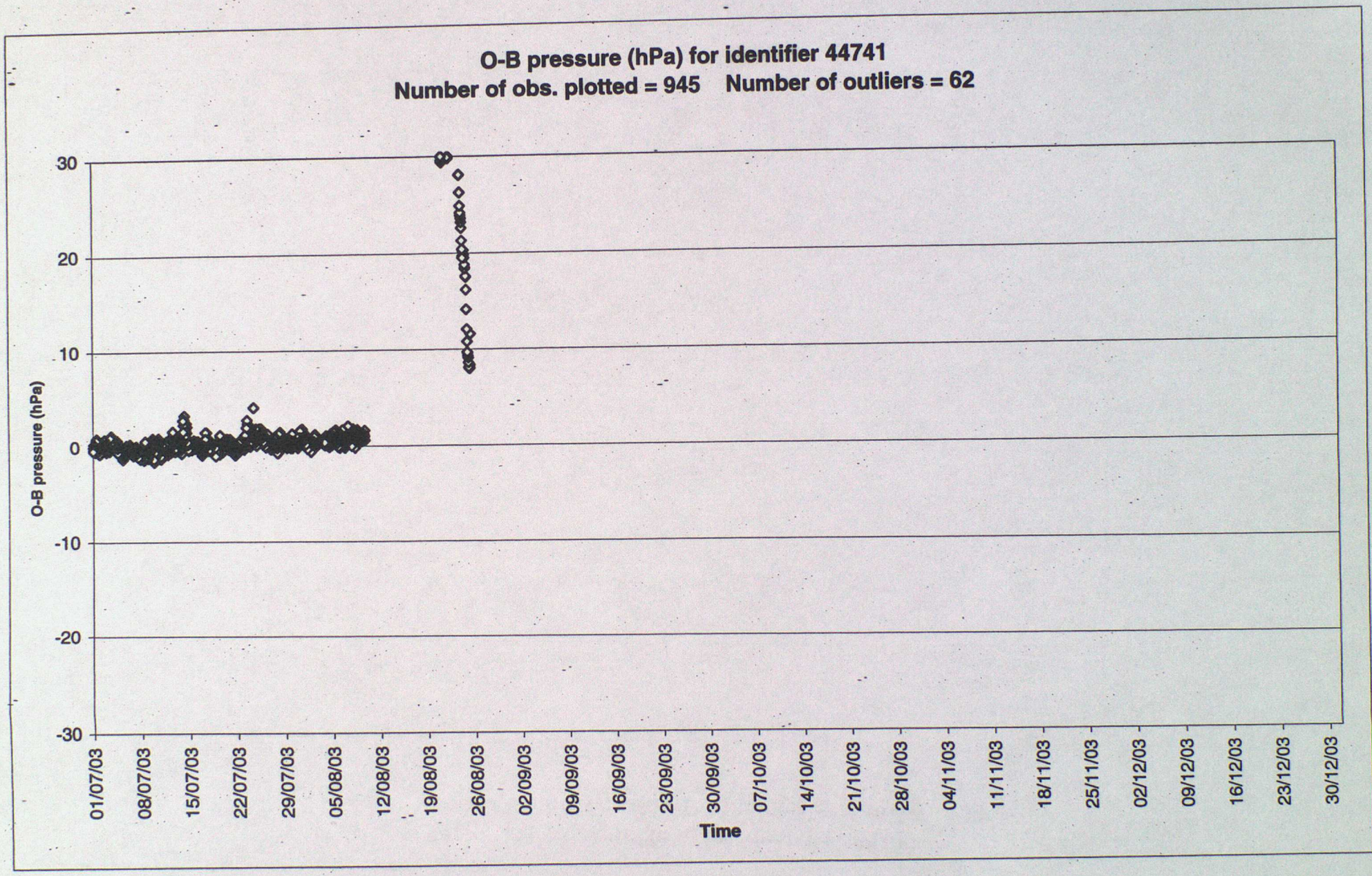

O-B pressure (hPa) for identifier 42564
Number of obs. plotted = 0 Number of outliers = 61
O-B pressure (hPa)
30
20
10
0
-10
-20
-30
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time


O-B pressure (hPa) for identifier 42565
Number of obs. plotted = 1 Number of outliers = 140
O-B pressure (hPa)
30
20
10
0
-10
-20
-30
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time

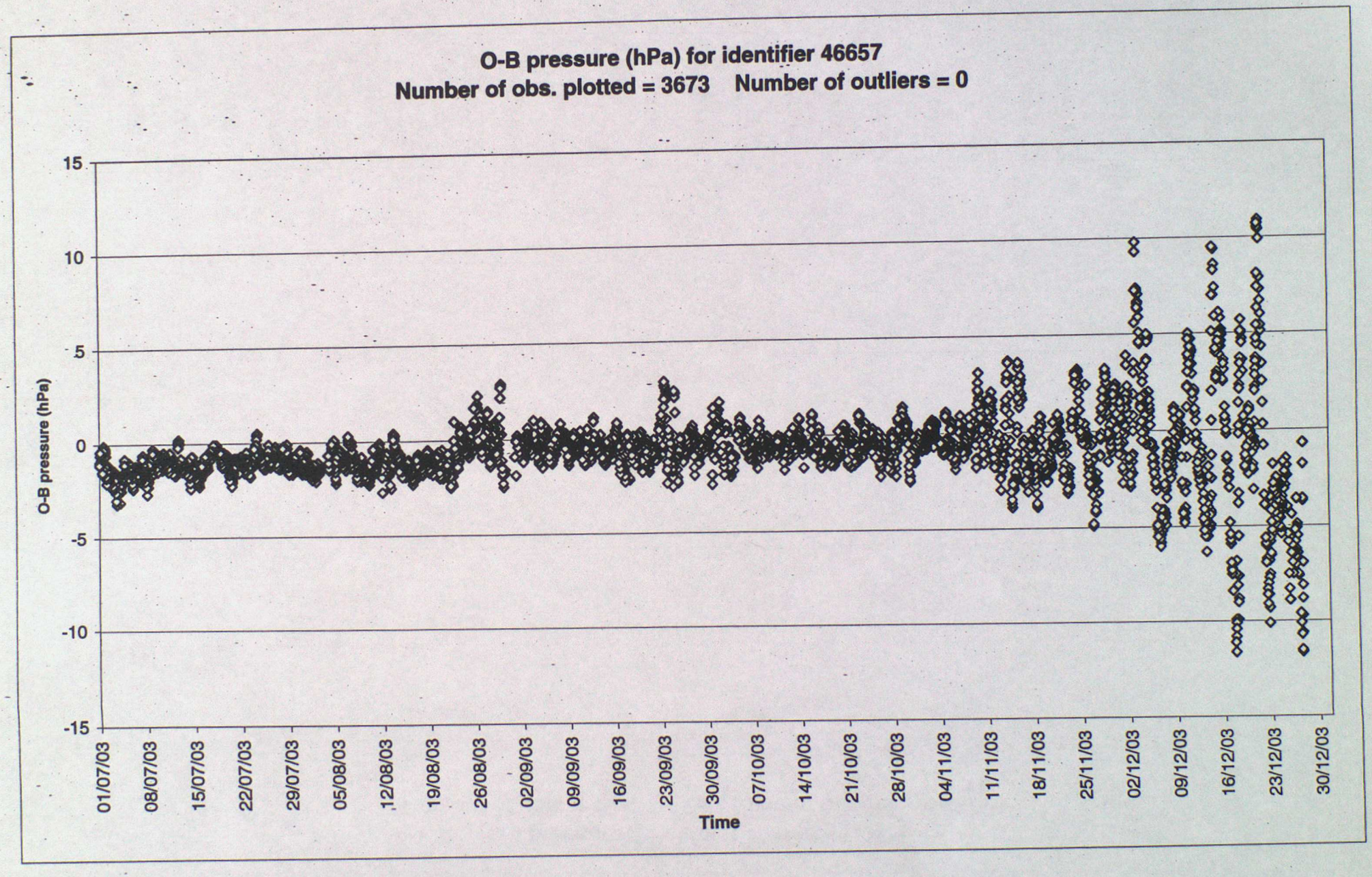
O-B pressure (hPa)
-30
-20
-10
0
10
20
30
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time
O-B pressure (hPa) for identifier 42567
Number of obs. plotted = 0 Number of outliers = 161

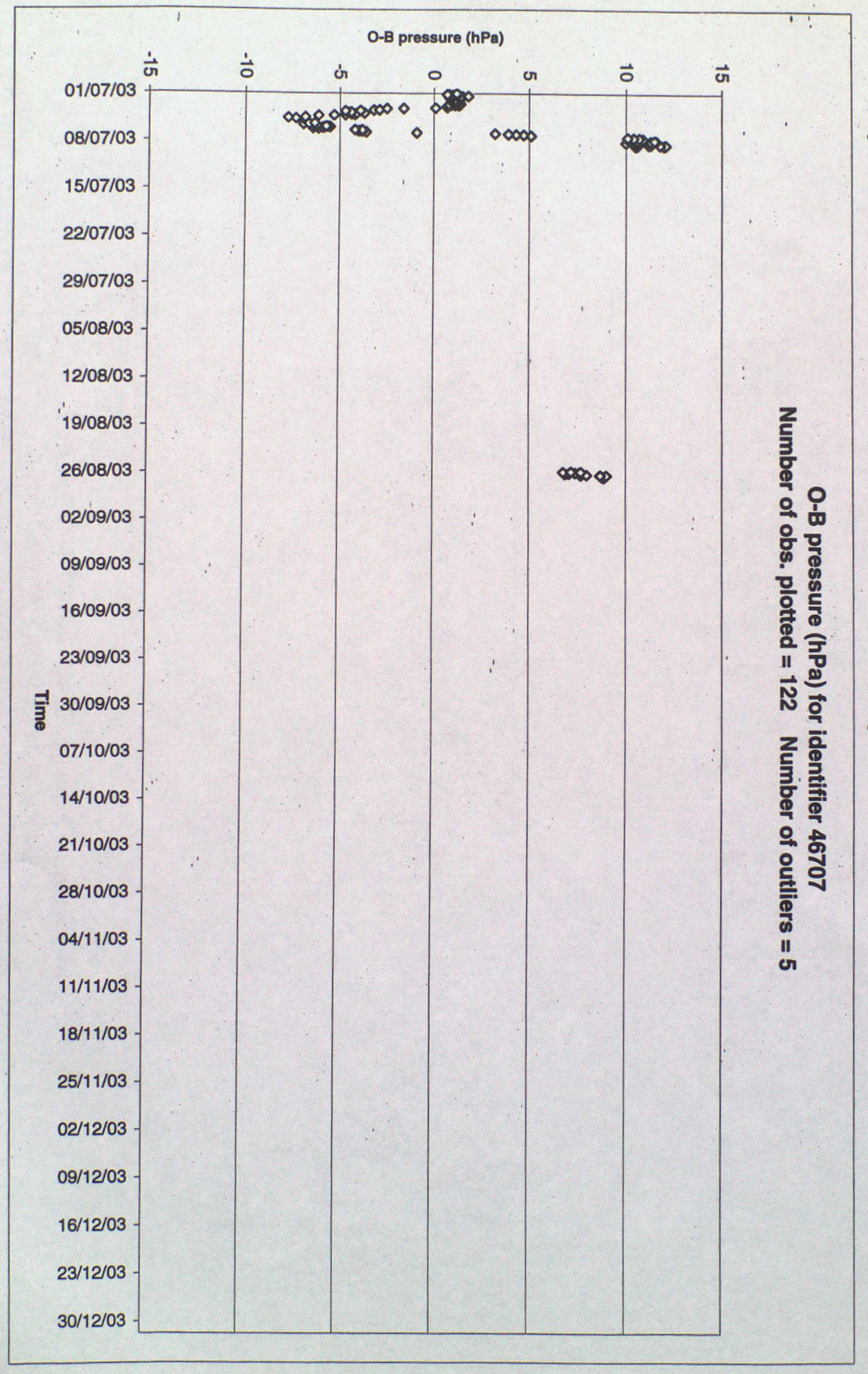

O-B pressure (hPa) for identifier 44615
Number of obs. plotted = 2877 Number of outliers = 1
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time


O-B pressure (hPa) for identifier 44622
Number of obs. plotted = 3774 Number of outliers = 5
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time


O-B pressure (hPa) for identifier 44741
Number of obs. plotted = 945 Number of outliers = 62
O-B pressure (hPa)
30
20
10
0
-10
-20
-30
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time

O-B pressure (hPa) for identifier 46512
Number of obs. plotted = 0 Number of outliers = 126
O-B pressure (hPa)
-30
-20
-10
0
10
20
30
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03

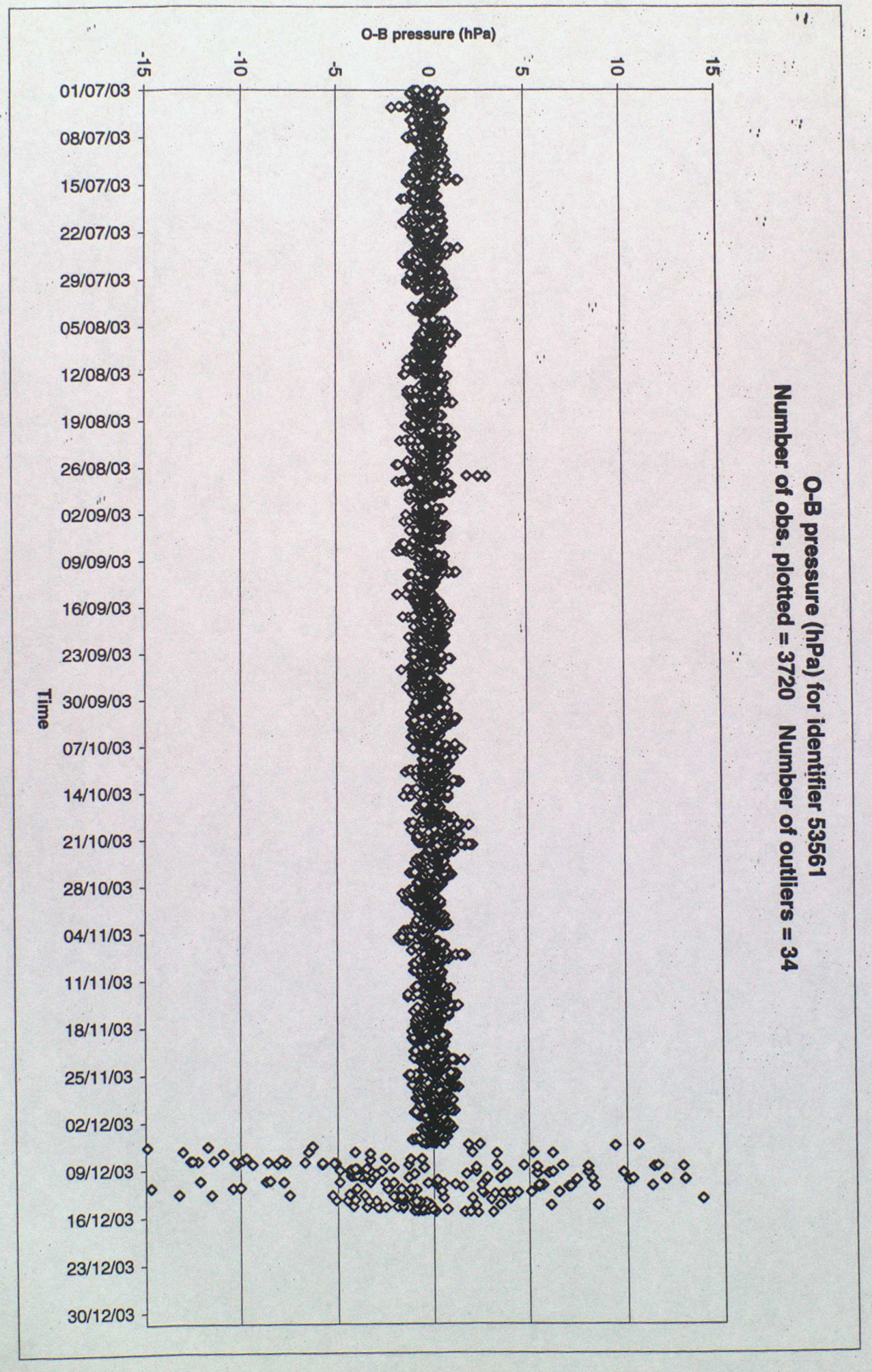

O-B pressure (hPa) for identifier 46657
Number of obs. plotted = 3673 Number of outliers = 0
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time


O-B pressure (hPa) for identifier 46707
Number of obs. plotted = 122 Number of outliers = 5
O-B pressure (hPa)
-15
-10
-5
0
5
10
15
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03

O-B pressure (hPa) for identifier 46780
Number of obs. plotted = 1411 Number of outliers = 1
O-B pressure (hPa)
-30
-20
-10
0
10
20
30
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03

O-B pressure (hPa) for identifier 48585
Number of obs. plotted = 852 Number of outliers = 13
O-B pressure (hPa)
-30
-20
-10
0
10
20
30
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03

O-B pressure (hPa)
-15
-10
-5
0
5
10
15
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time
O-B pressure (hPa) for identifier 48589
Number of obs. plotted = 284 Number of outliers = 0


O-B pressure (hPa)
-15
-10
-5
0
5
10
15
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time
O-B pressure (hPa) for identifier 53561
Number of obs. plotted = 3720 Number of outliers = 34

O-B pressure (hPa) for identifier 55609
Number of obs. plotted = 688 Number of outliers = 192
O-B pressure (hPa)
-30
-20
-10
0
10
20
30
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03

O-B pressure (hPa) for identifier 55612
Number of obs. plotted = 3108 Number of outliers = 45
O-B pressure (hPa)
-15
-10
-5
0
5
10
15
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03

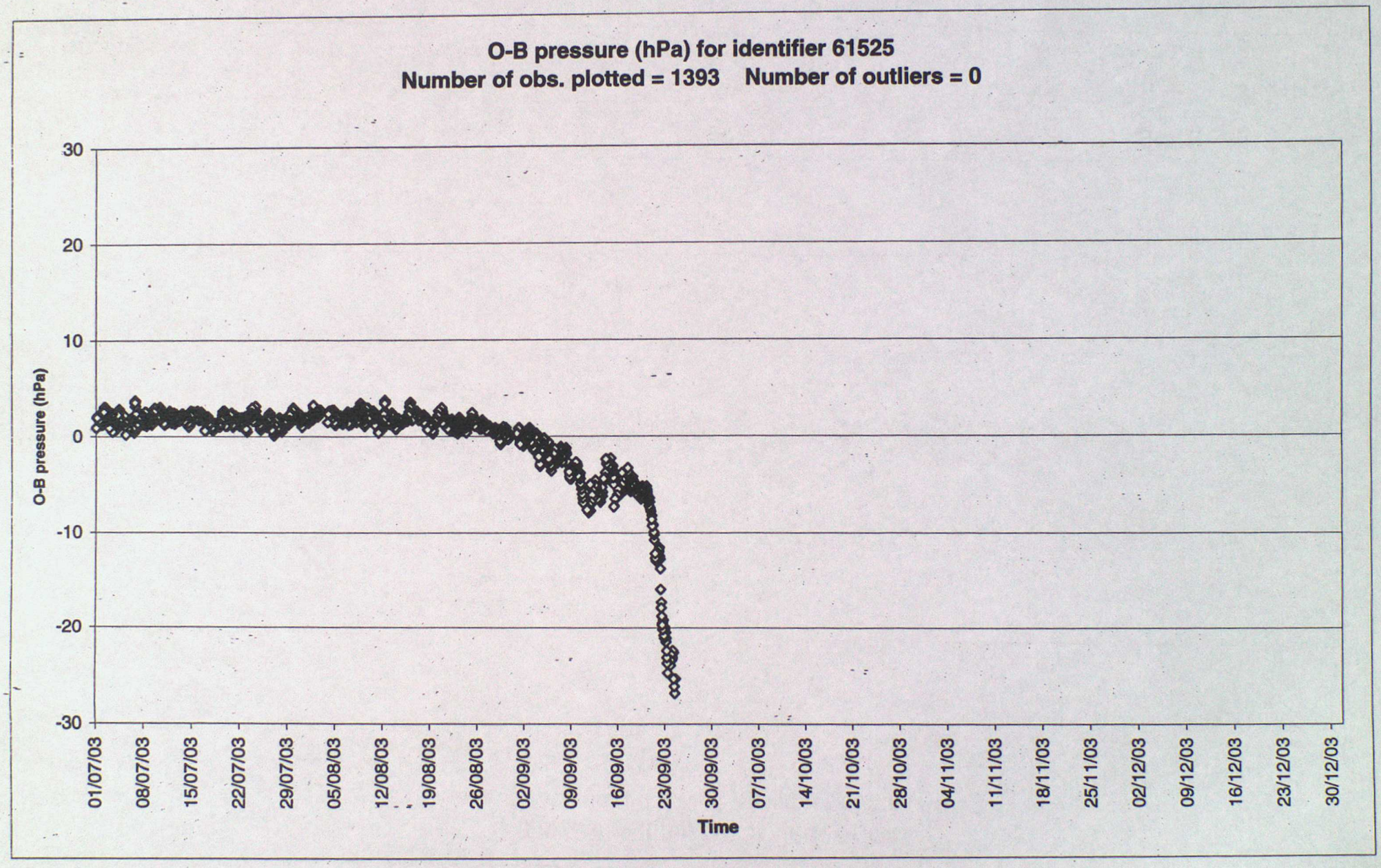
O-B pressure (hPa) for identifier 56523
Number of obs. plotted = 870 Number of outliers = 21
O-B pressure (hPa)
-30
-20
-10
0
10
20
30
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03

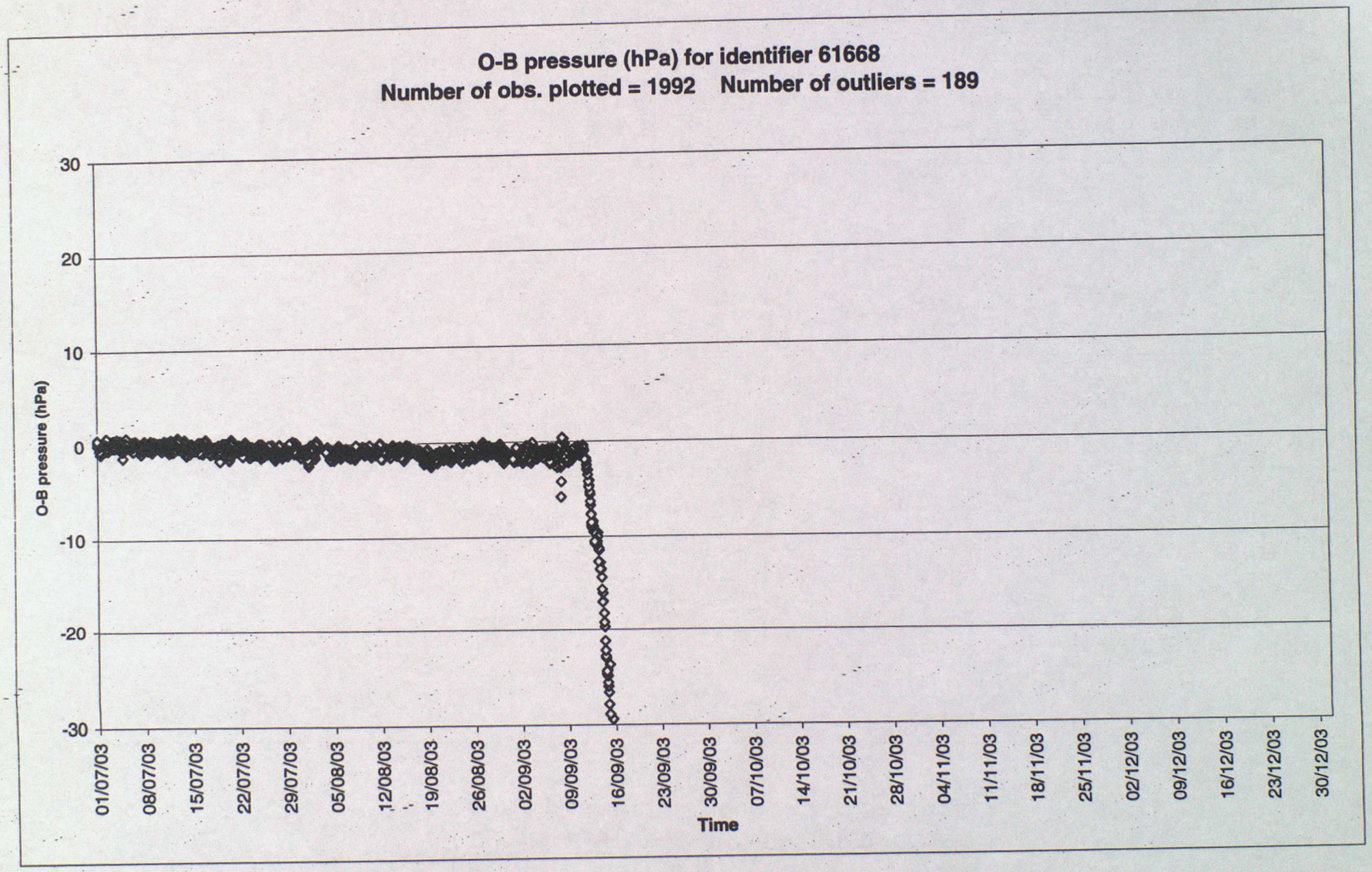
O-B pressure (hPa) for identifier 56530
Number of obs. plotted = 3027 Number of outliers = 149
O-B pressure (hPa)
-30
-20
-10
0
10
20
30
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03

O-B pressure (hPa)
-30
-20
-10
0
10
20
30
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time
O-B pressure (hPa) for identifier 56537
Number of obs. plotted = 140 Number of outliers = 60

O-B pressure (hPa) for identifier 56556
Number of obs. plotted = 79 Number of outliers = 5
O-B pressure (hPa)
-15
-10
-5
0
5
10
15
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03

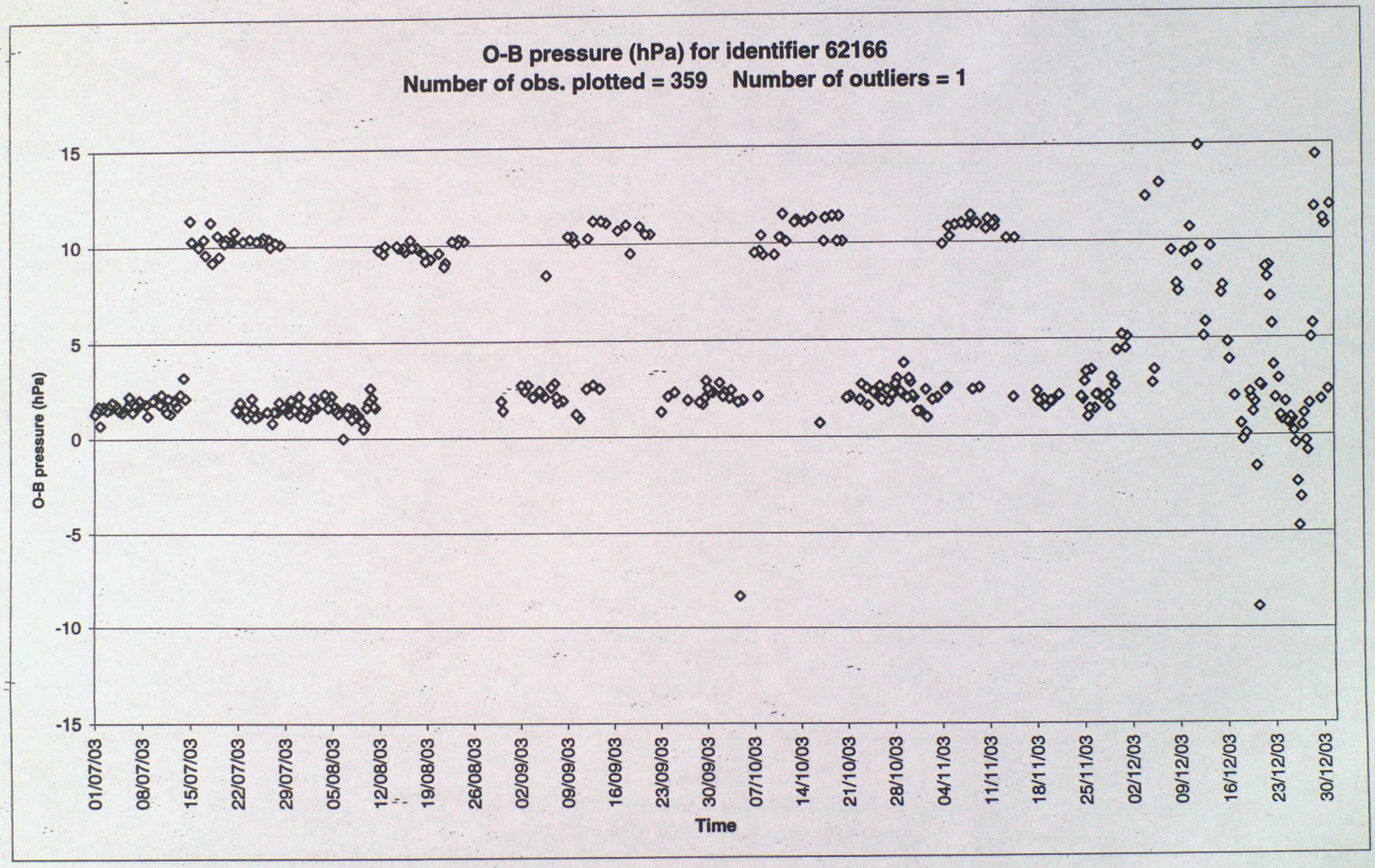
O-B pressure (hPa) for identifier 61524
Number of obs. plotted = 2645 Number of outliers = 2
O-B pressure (hPa)
-15
-10
-5
0
5
10
15
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03


O-B pressure (hPa) for identifier 61525
Number of obs. plotted = 1393 Number of outliers = 0
O-B pressure (hPa)
30
20
10
0
-10
-20
-30
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time

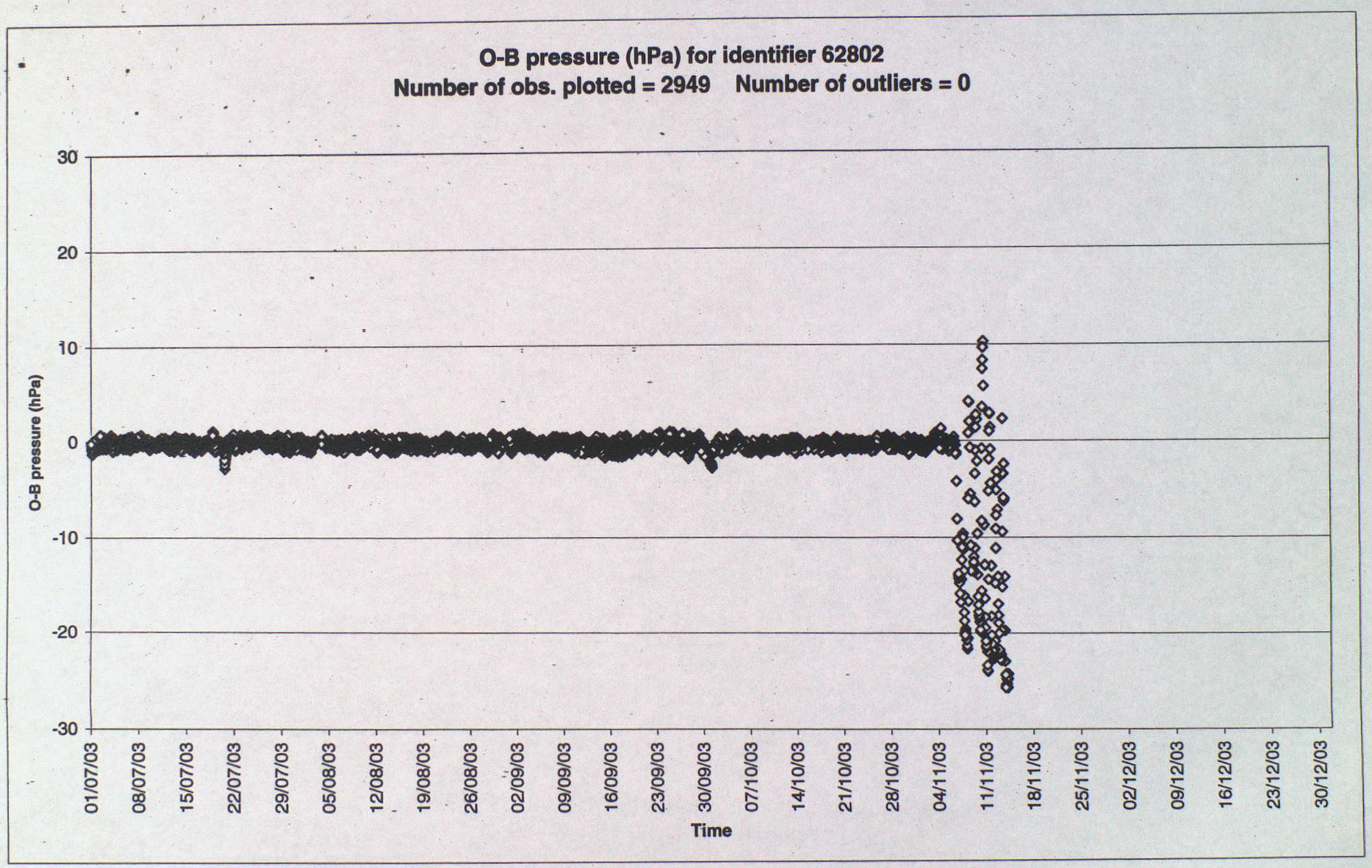

O-B pressure (hPa) for identifier 61668
Number of obs. plotted = 1992 Number of outliers = 189
O-B pressure (hPa)
30
20
10
0
-10
-20
-30
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time

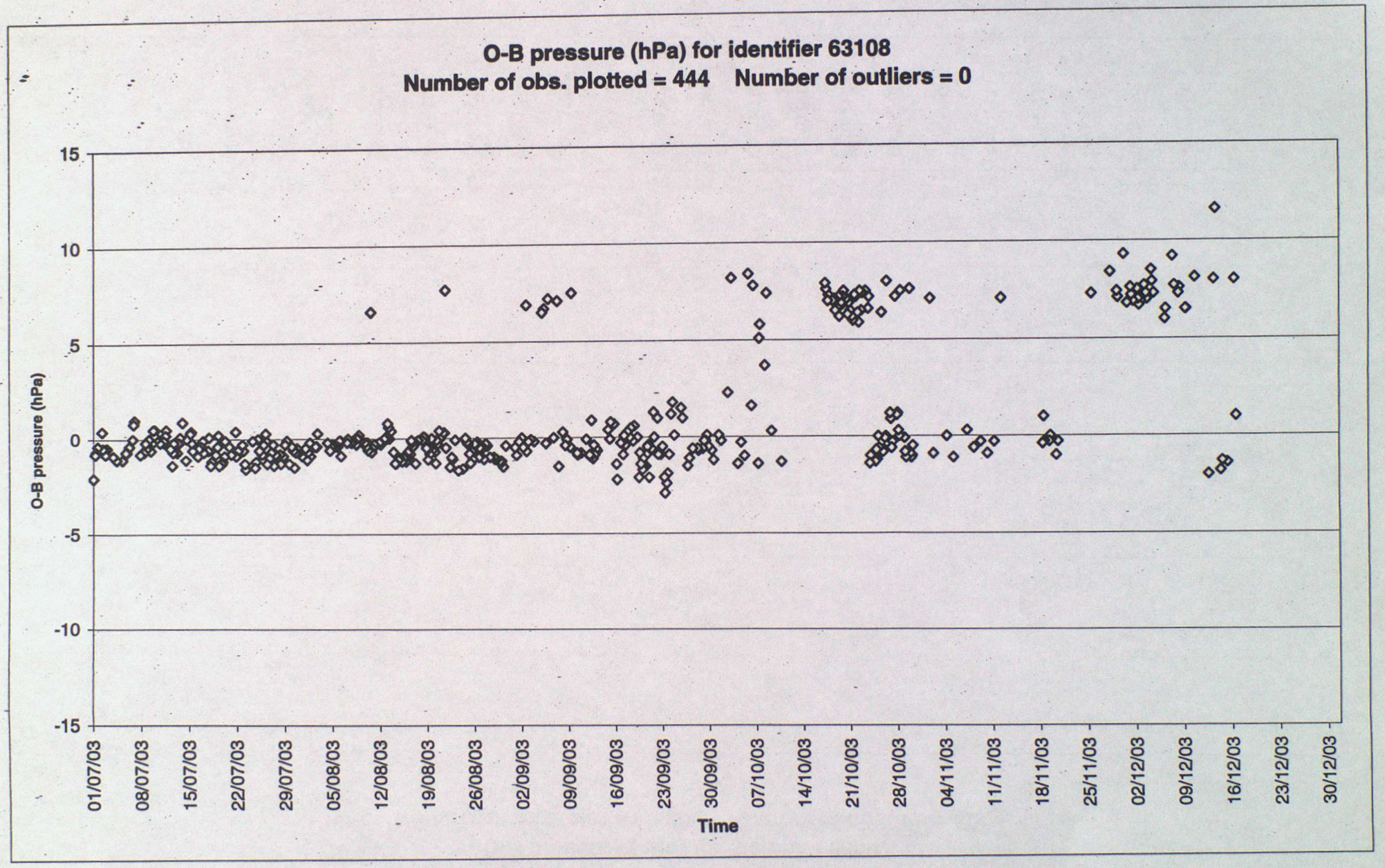
O-B pressure (hPa) for identifier 61672
Number of obs. plotted = 1512 Number of outliers = 24
O-B pressure (hPa)
-30
-20
-10
0
10
20
30
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03

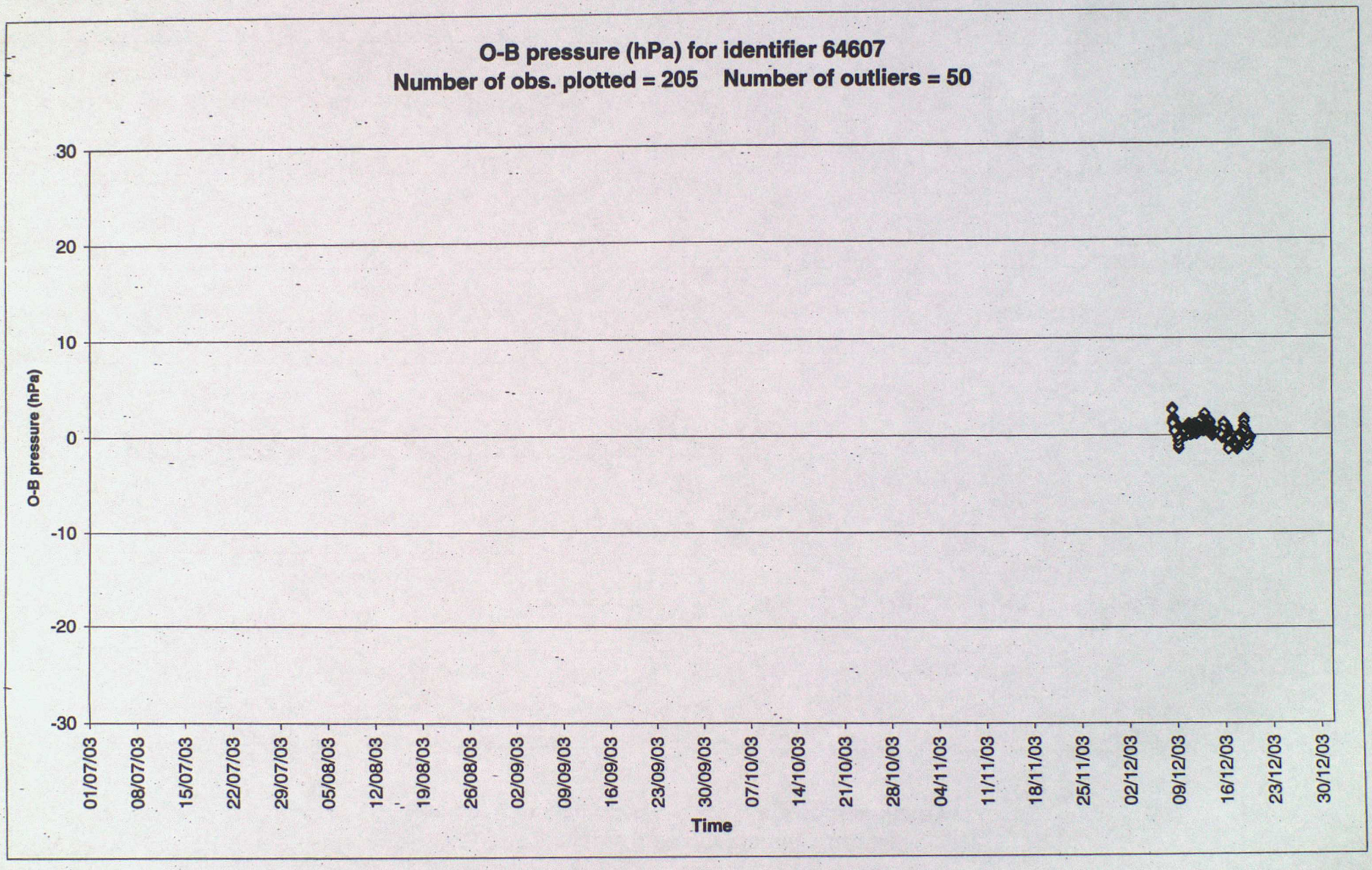
O-B pressure (hPa) for identifier 61675
Number of obs. plotted = 755 Number of outliers = 31
O-B pressure (hPa)
-30
-20
-10
0
10
20
30
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03


O-B pressure (hPa) for identifier 62166
Number of obs. plotted = 359 Number of outliers = 1
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time

O-B pressure (hPa) for identifier 62554
Number of obs. plotted = 3097 Number of outliers = 1
O-B pressure (hPa)
-30
-20
-10
0
10
20
30
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03

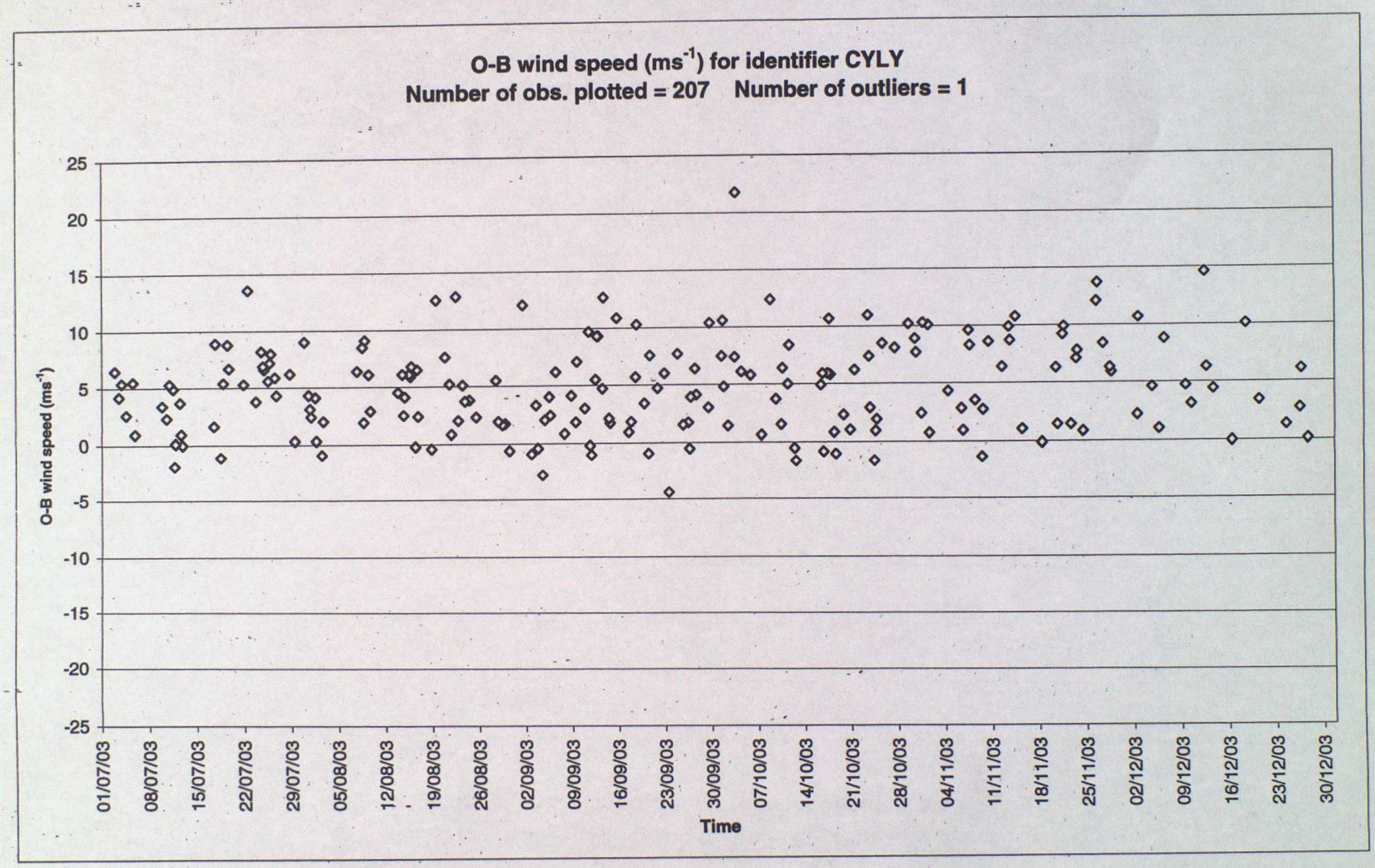

O-B pressure (hPa) for identifier 62802
Number of obs. plotted = 2949 Number of outliers = 0
O-B pressure (hPa)
30
20
10
0
-10
-20
-30
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time

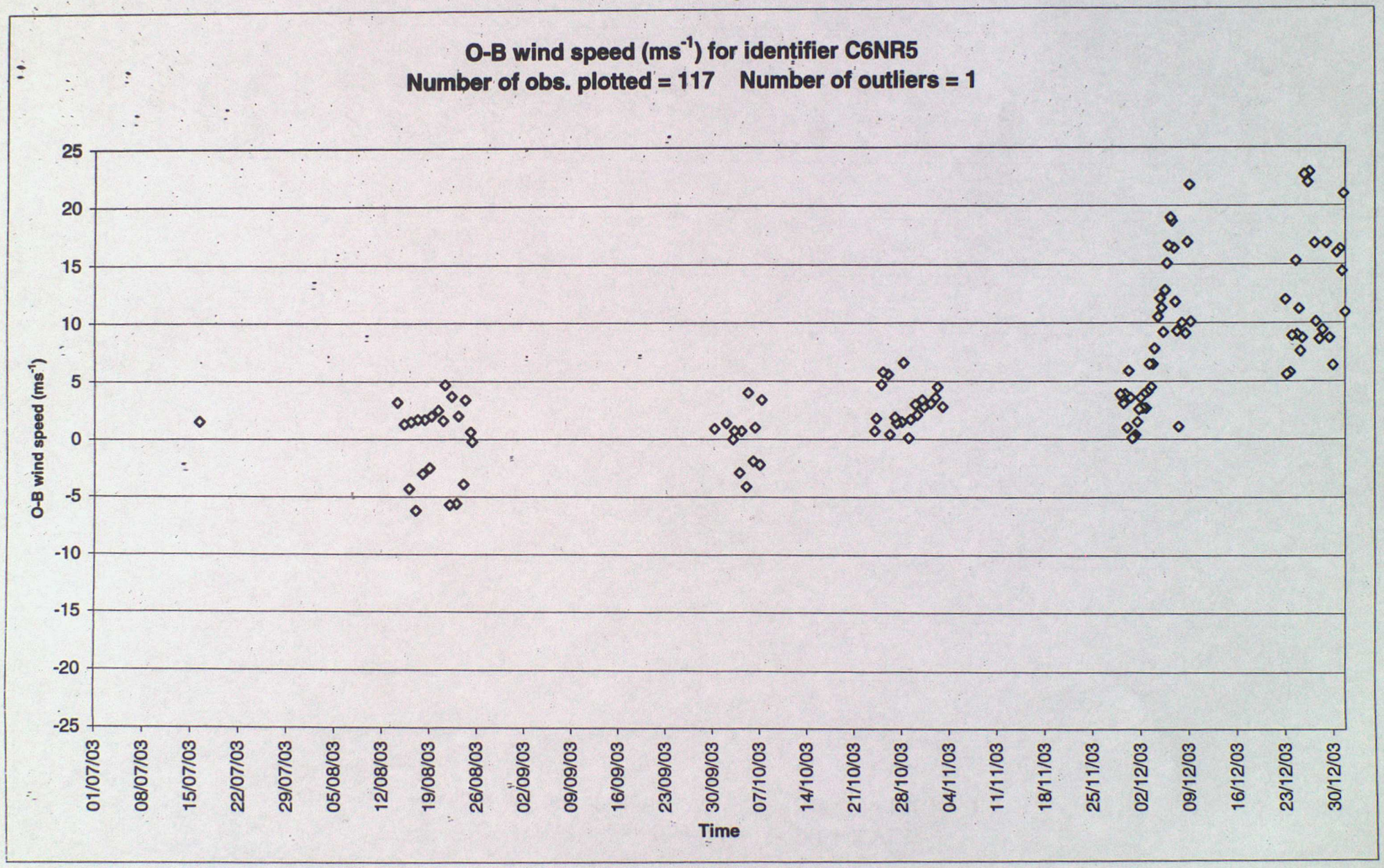

O-B pressure (hPa) for identifier 63108
Number of obs. plotted = 444 Number of outliers = 0
O-B pressure (hPa)
15
10
5
0
-5
-10
-15
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time


O-B pressure (hPa) for identifier 64607
Number of obs. plotted = 205 Number of outliers = 50
O-B pressure (hPa)
30
20
10
0
-10
-20
-30
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time

O-B pressure (hPa) for identifier 71607
Number of obs. plotted = 3372 Number of outliers = 107

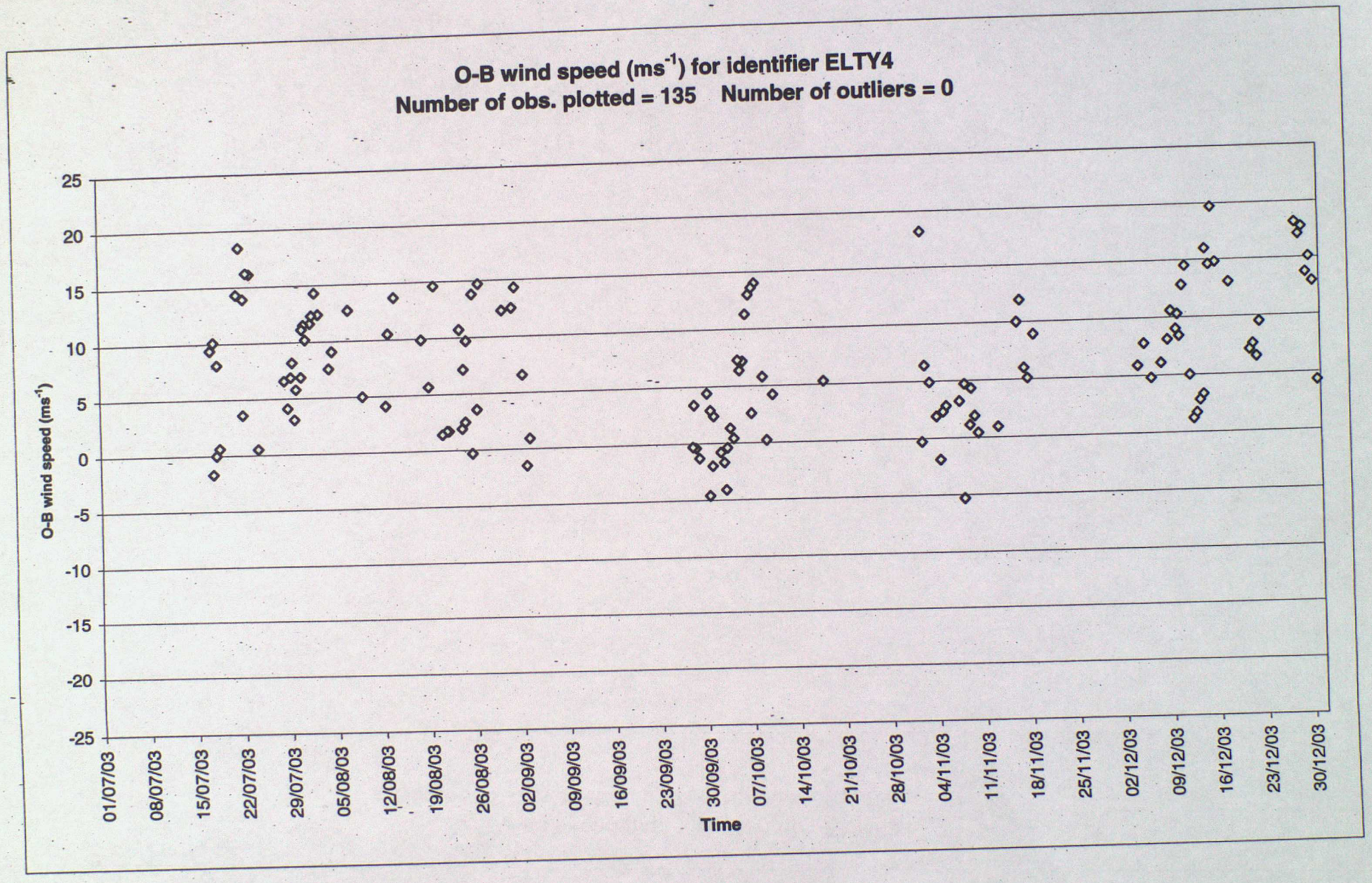
O-B pressure (hPa)
-15
-10
-5
0
5
10
15
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time
O-B pressure (hPa) for identifier 73651
Number of obs. plotted = 987 Number of outliers = 20

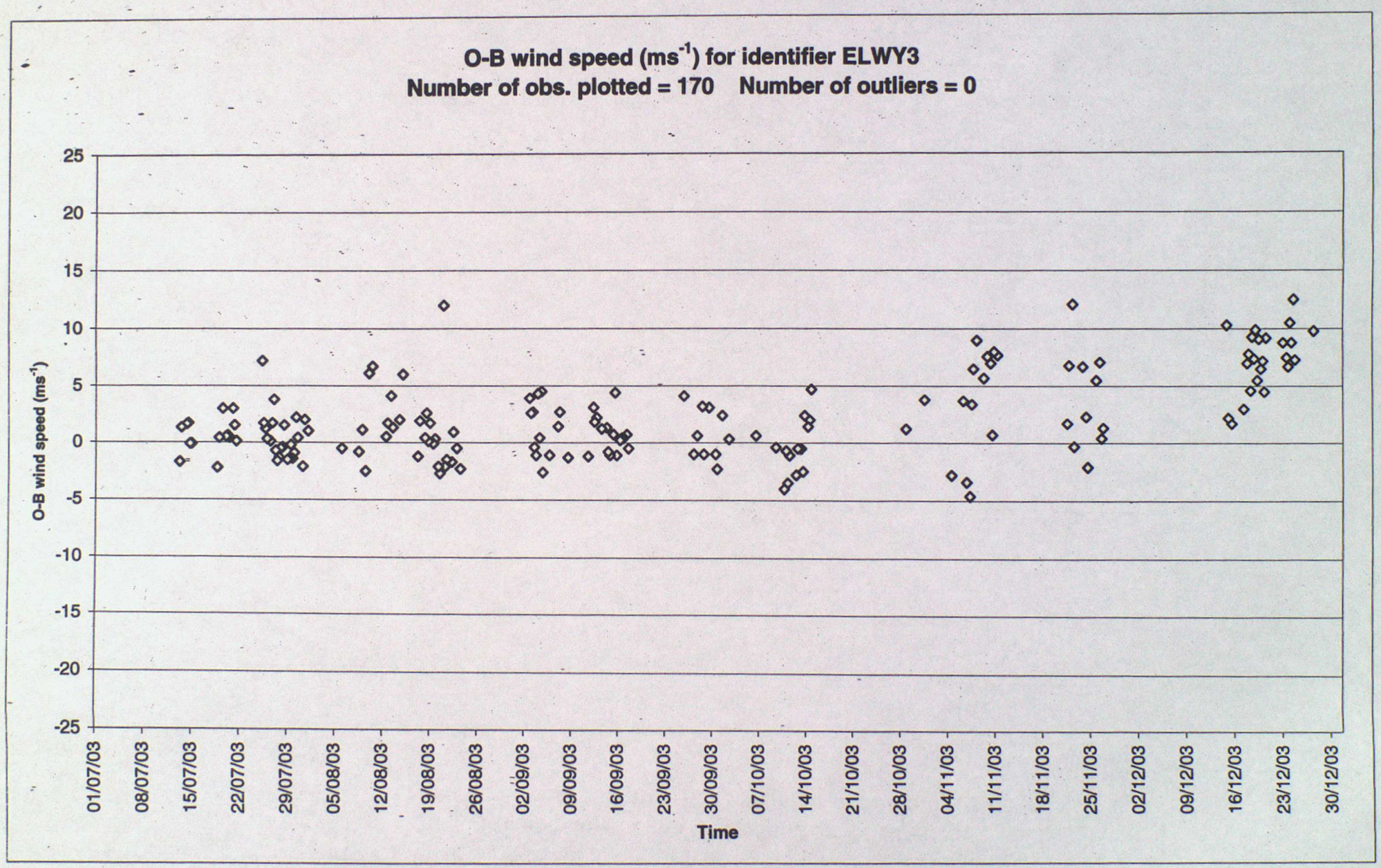

O-B wind speed (ms-1) for identifier CYLY
Number of obs. plotted = 207 Number of outliers = 1
O-B wind speed (ms-1)
25
20
15
10
5
0
-5
-10
-15
-20
-25
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time

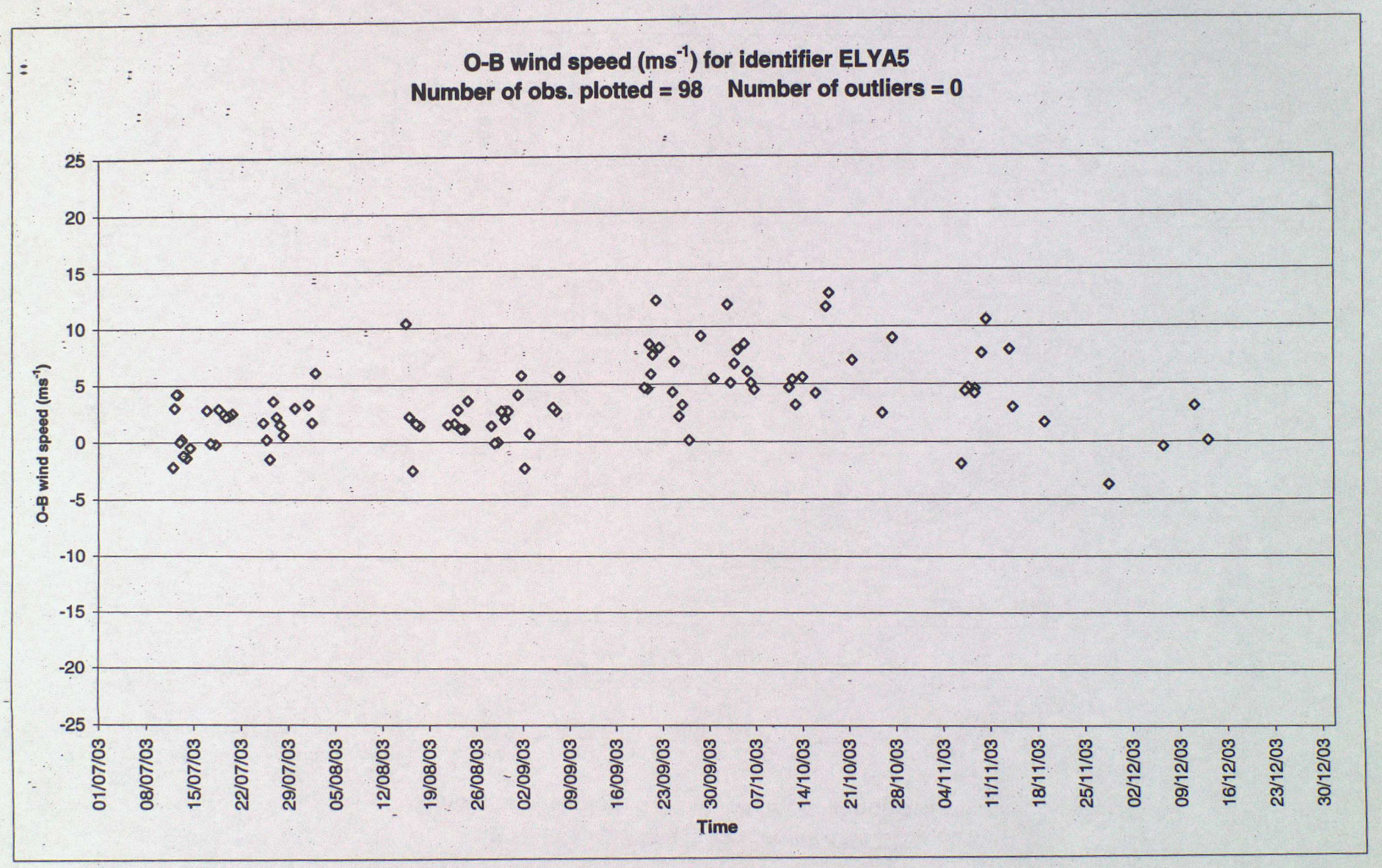

O-B wind speed (ms-1) for identifier C6NR5
Number of obs. plotted = 117 Number of outliers = 1
O-B wind speed (ms-1)
25
20
15
10
5
0
-5
-10
-15
-20
-25
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time

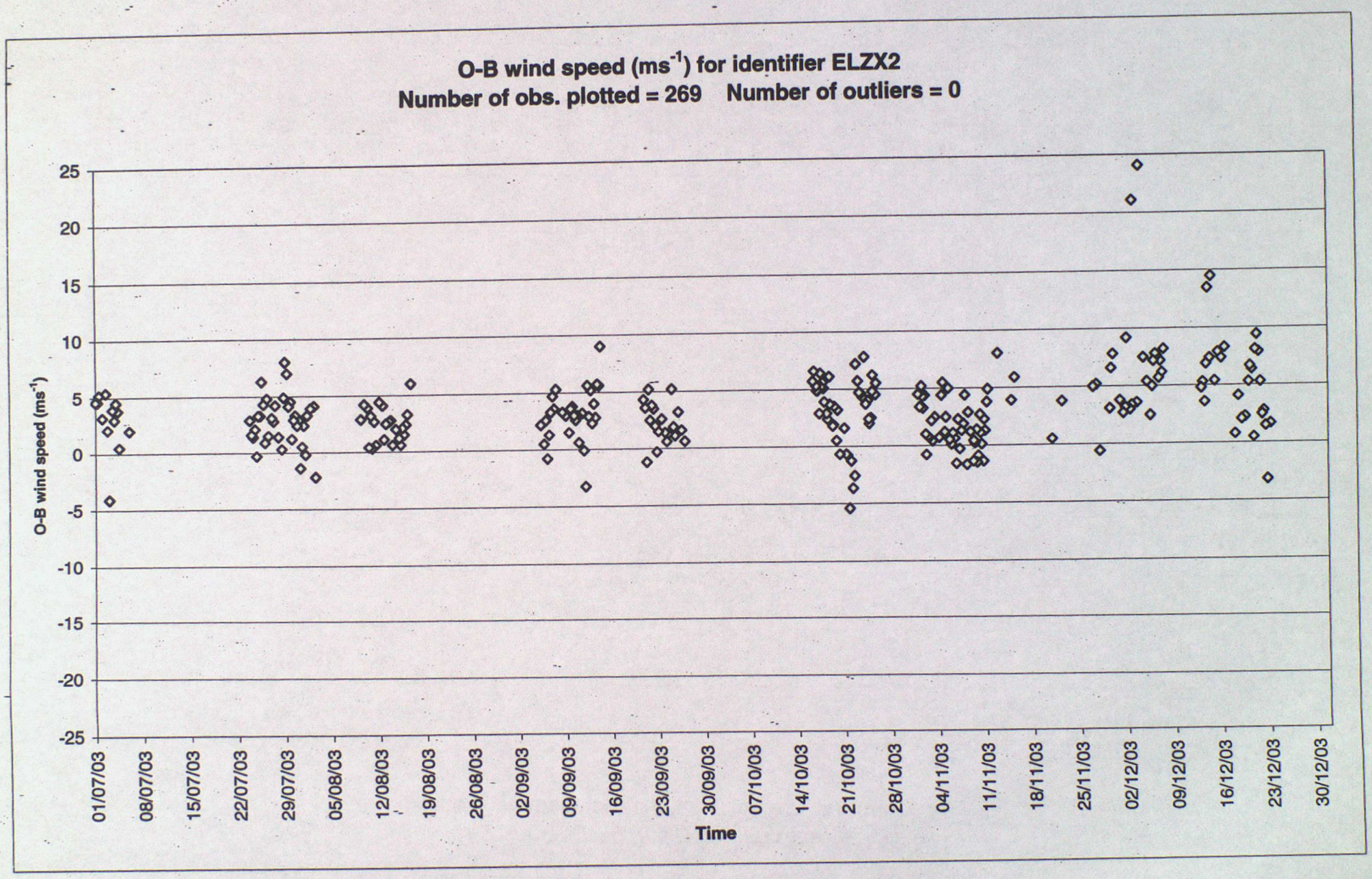
O-B wind speed (ms-1) for identifier DGZO
Number of obs. plotted = 208 Number of outliers = 0
O-B wind speed (ms-1)
-25
-20
-15
-10
-5
0
5
10
15
20
25
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03

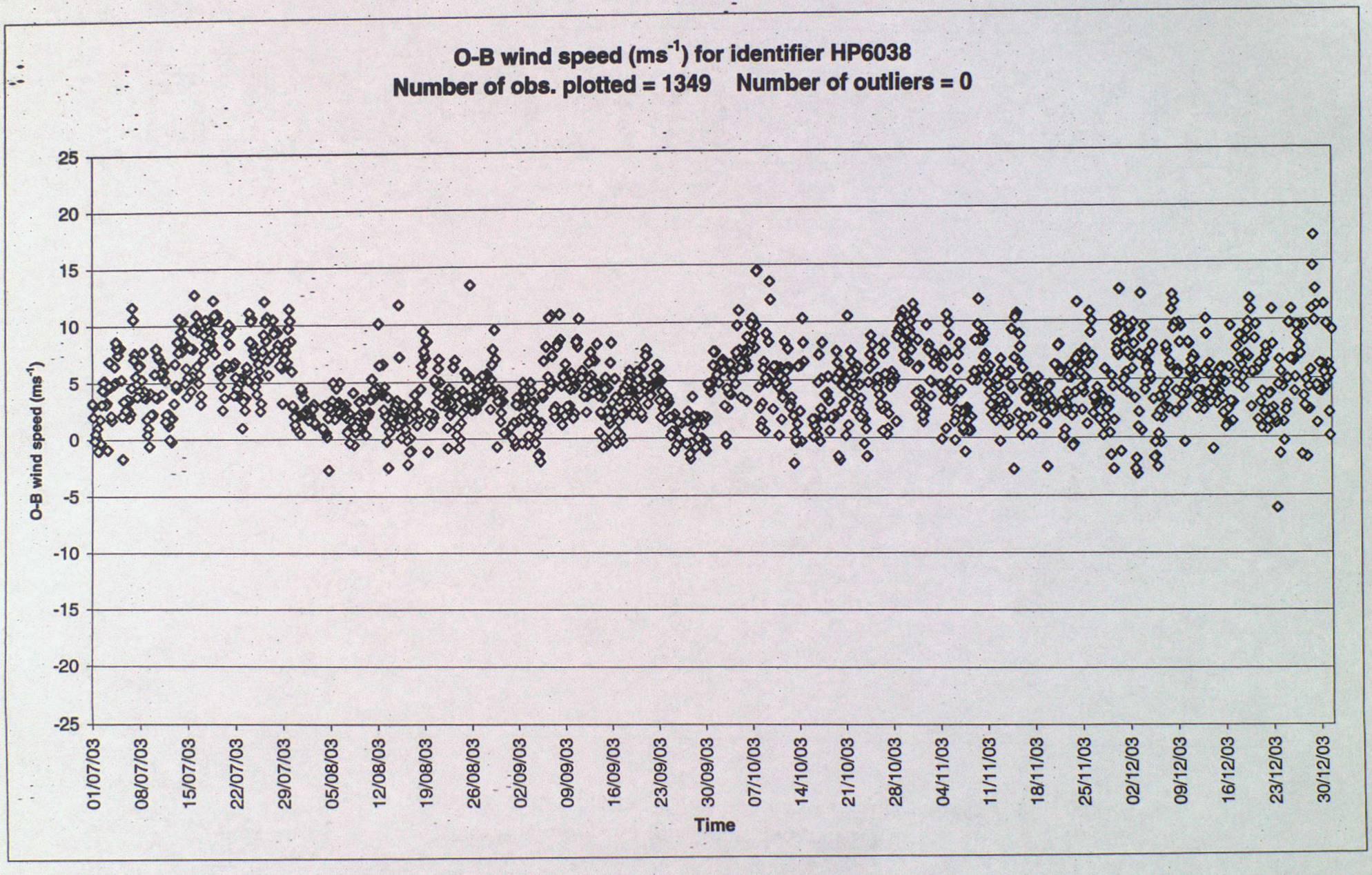
O-B wind speed (ms-1) for identifier ELGJ9
Number of obs. plotted = 225 Number of outliers = 0
O-B wind speed (ms-1)
-25
-20
-15
-10
-5
0
5
10
15
20
25
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03

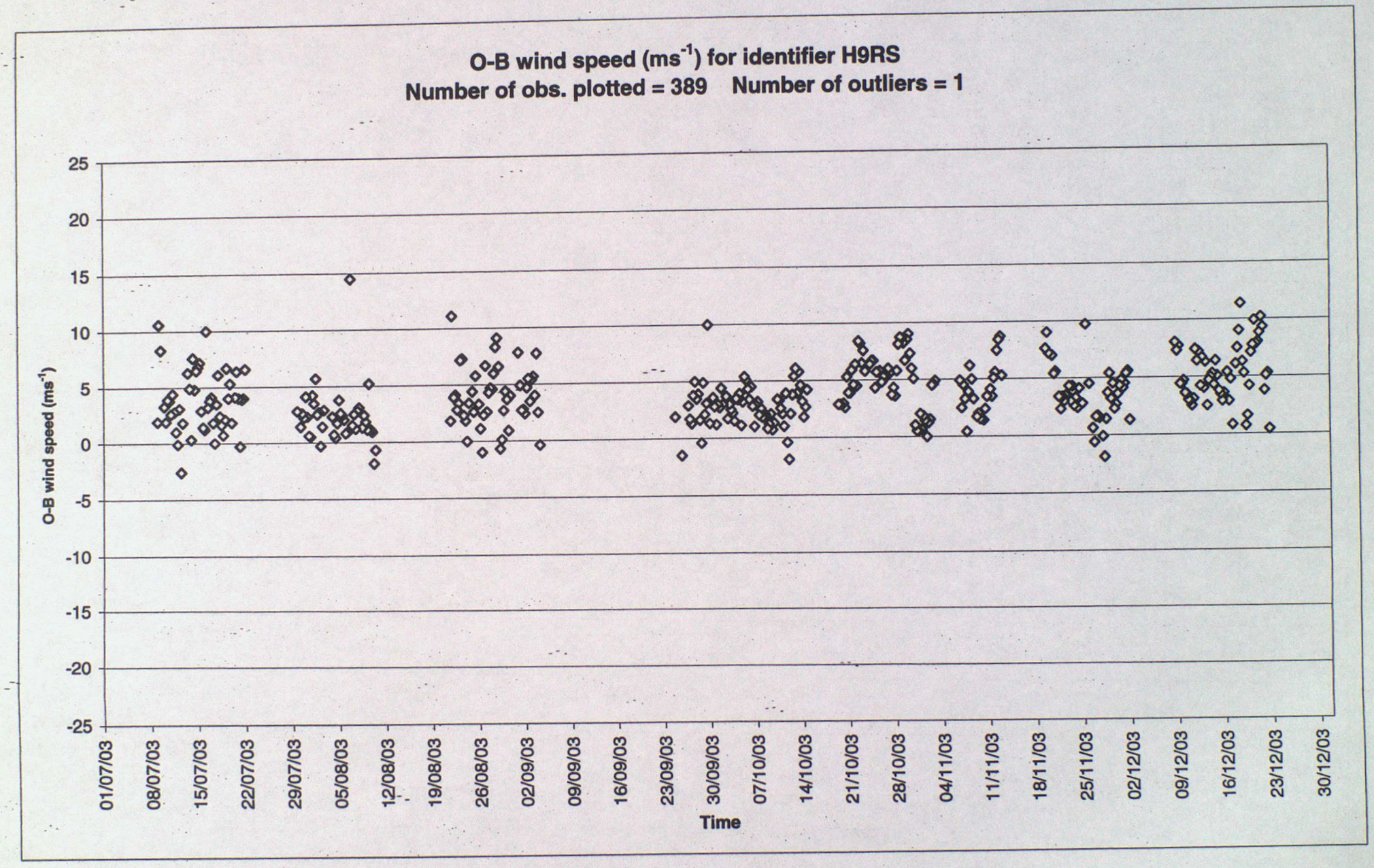

O-B wind speed (ms-1) for identifier ELTY4
Number of obs. plotted = 135 Number of outliers = 0
O-B wind speed (ms-1)
25
20
15
10
5
0
-5
-10
-15
-20
-25
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time


O-B wind speed (ms-1) for identifier ELWY3
Number of obs. plotted = 170 Number of outliers = 0
O-B wind speed (ms-1)
25
20
15
10
5
0
-5
-10
-15
-20
-25
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time


O-B wind speed (ms-1) for identifier ELYA5
Number of obs. plotted = 98 Number of outliers = 0
O-B wind speed (ms-1)
25
20
15
10
5
0
-5
-10
-15
-20
-25
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time

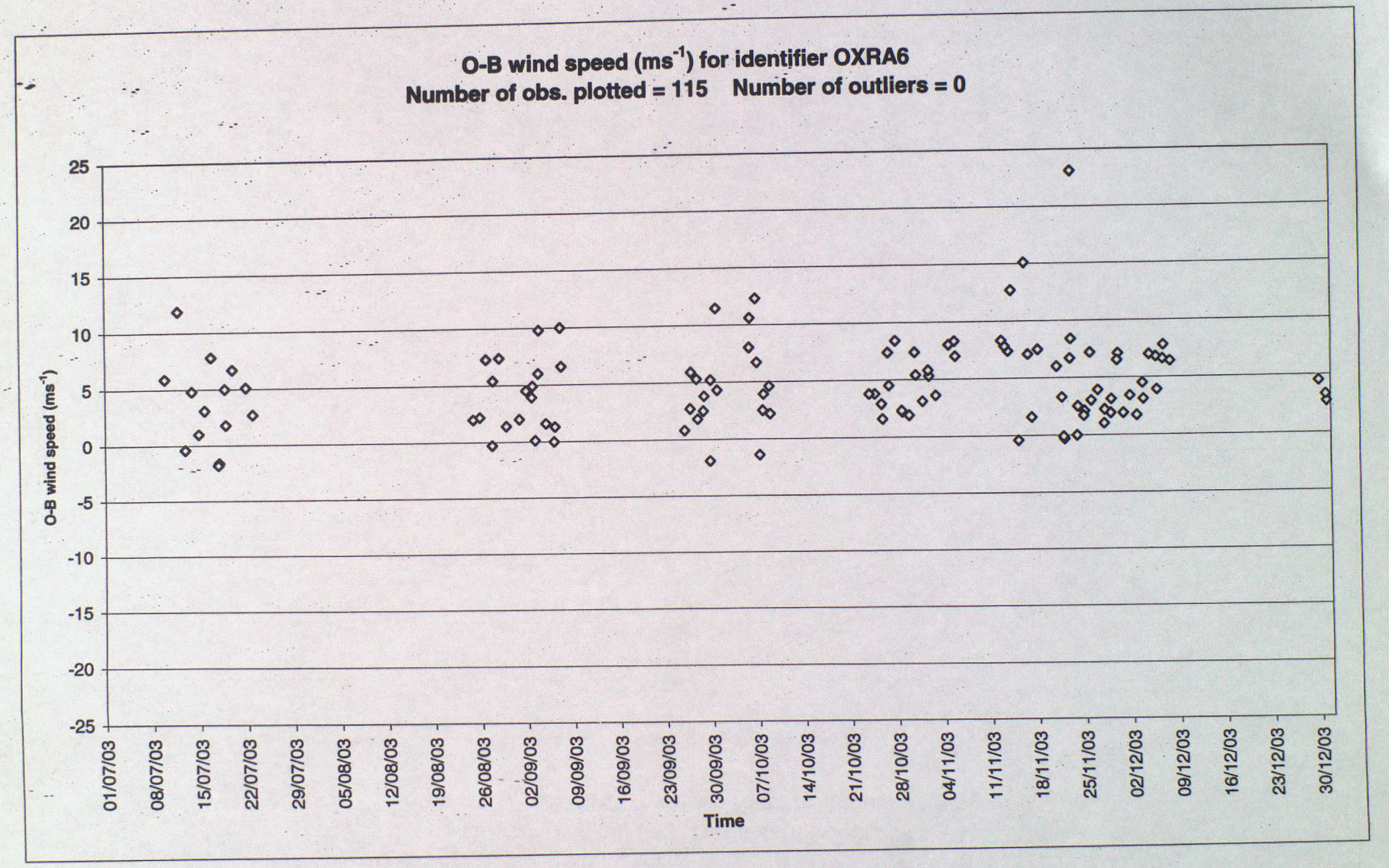

O-B wind speed (ms-1) for identifier ELZX2
Number of obs. plotted = 269 Number of outliers = 0
O-B wind speed (ms-1)
25
20
15
10
5
0
-5
-10
-15
-20
-25
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time

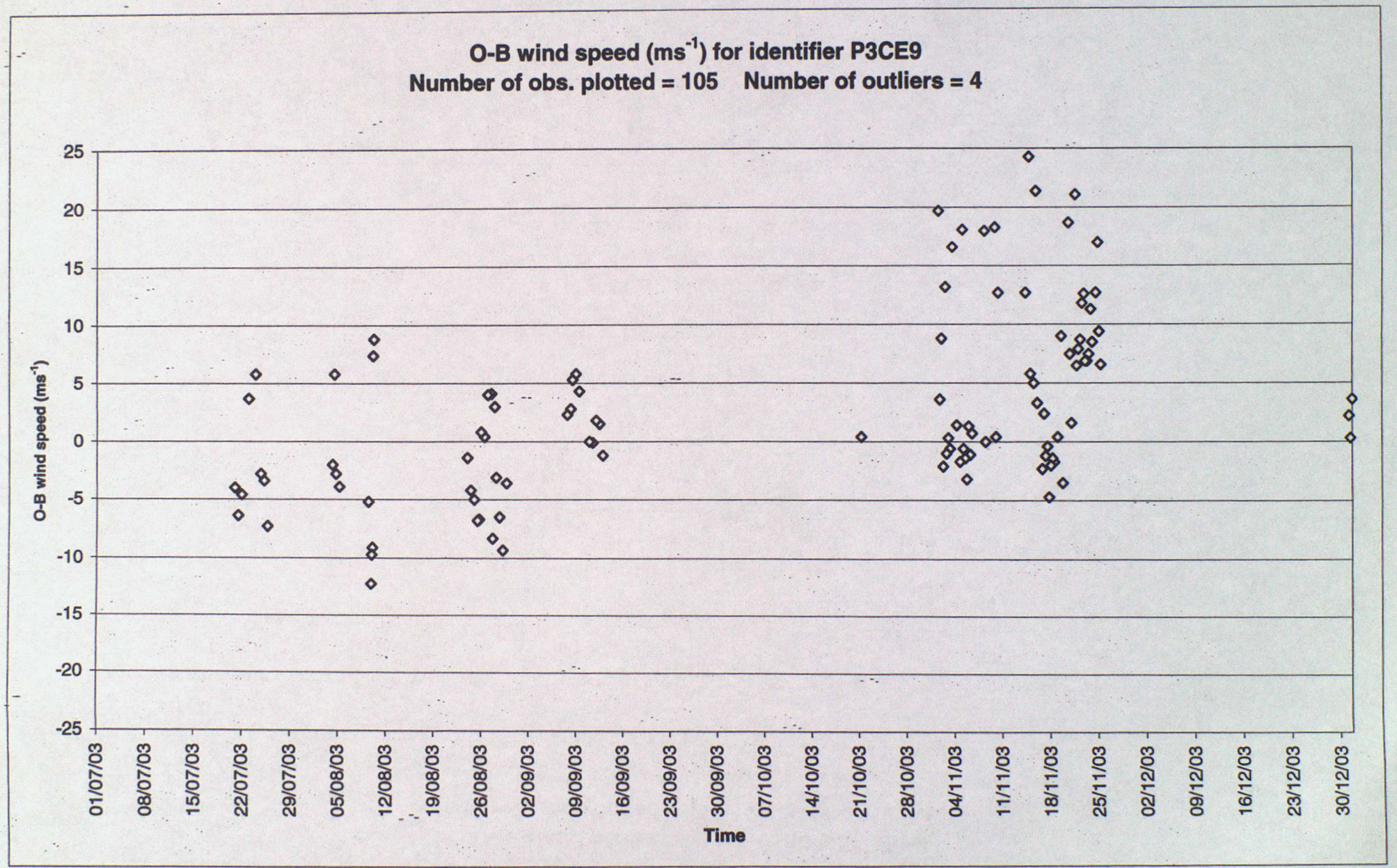

O-B wind speed (ms-1) for identifier HP6038
Number of obs. plotted = 1349 Number of outliers = 0
O-B wind speed (ms-1)
25
20
15
10
5
0
-5
-10
-15
-20
-25
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time


O-B wind speed (ms-1) for identifier H9RS
Number of obs. plotted = 389 Number of outliers = 1
O-B wind speed (ms-1)
25
20
15
10
5
0
-5
-10
-15
-20
-25
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time

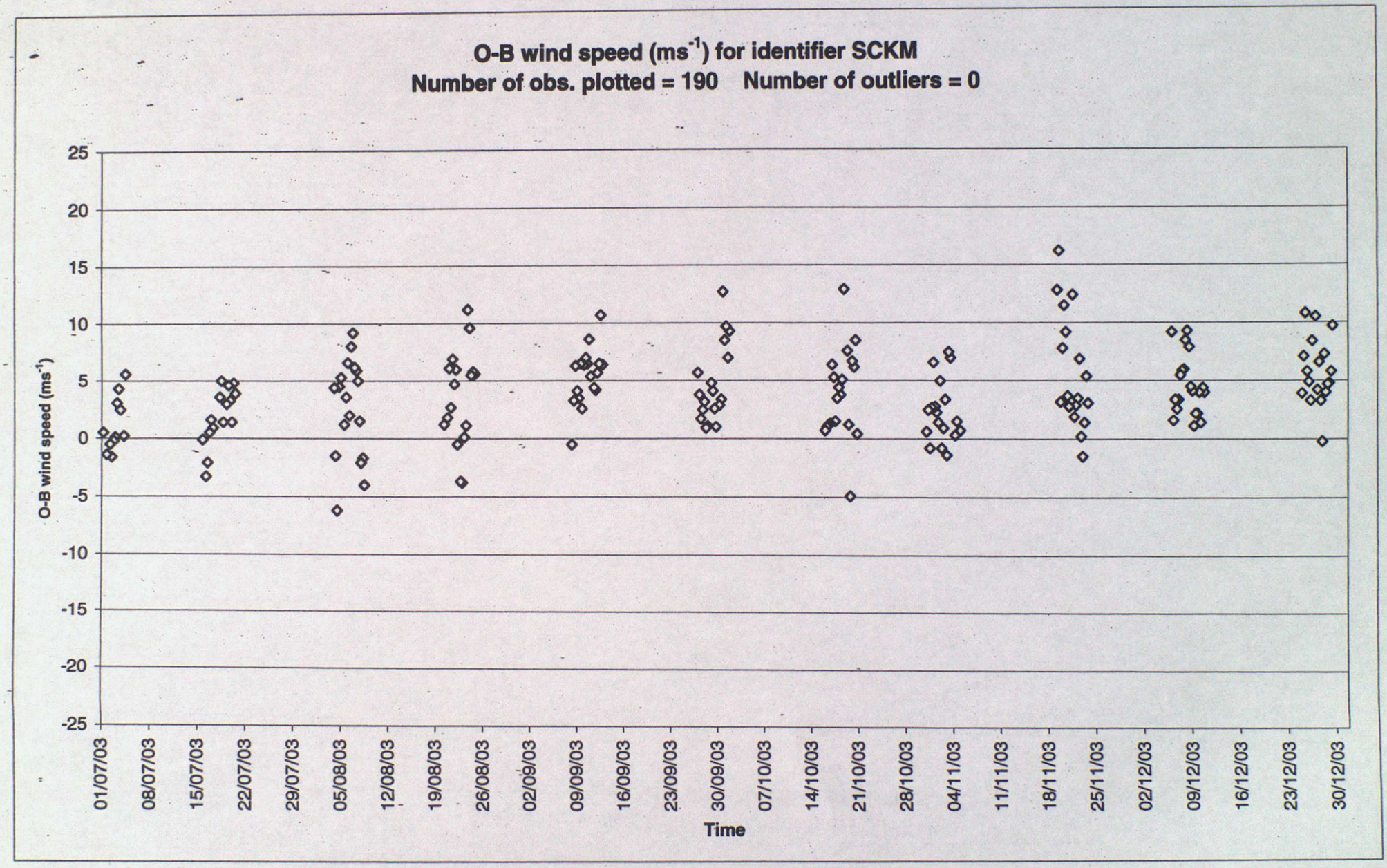
O-B wind speed (ms-1) for identifier KS006
Number of obs. plotted = 113 Number of outliers = 0
O-B wind speed (ms-1)
-25
-20
-15
-10
-5
0
5
10
15
20
25
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03

O-B wind speed (ms-1) for identifier MZPQ3
Number of obs. plotted = 334 Number of outliers = 3
O-B wind speed (ms-1)
-25
-20
-15
-10
-5
0
5
10
15
20
25
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03

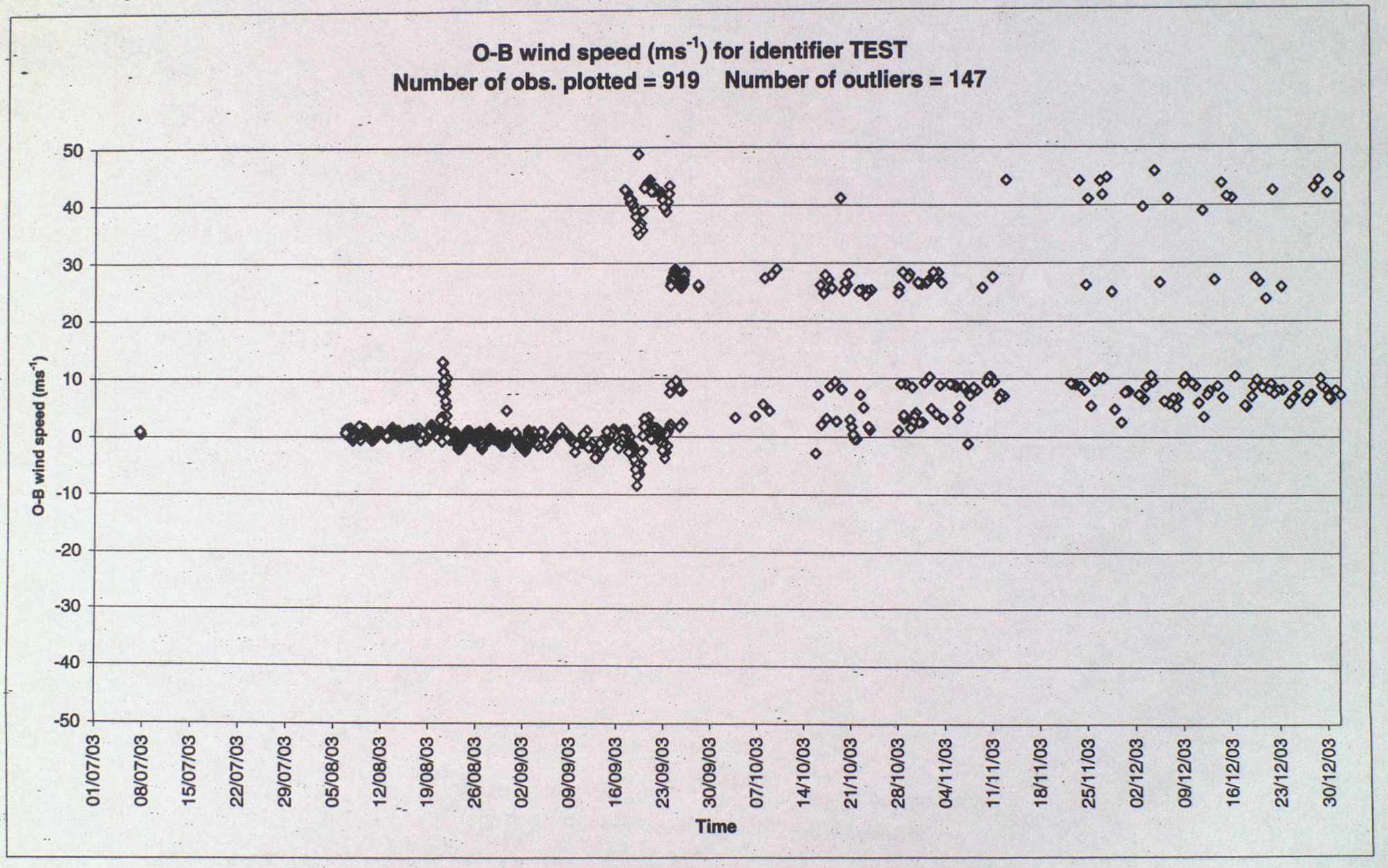

O-B wind speed (ms-1) for identifier OXRA6
Number of obs. plotted = 115 Number of outliers = 0
O-B wind speed (ms-1)
25
20
15
10
5
0
-5
-10
-15
-20
-25
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time


O-B wind speed (ms-1) for identifier P3CE9
Number of obs. plotted = 105 Number of outliers = 4
O-B wind speed (ms-1)
25
20
15
10
5
0
-5
-10
-15
-20
-25
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time

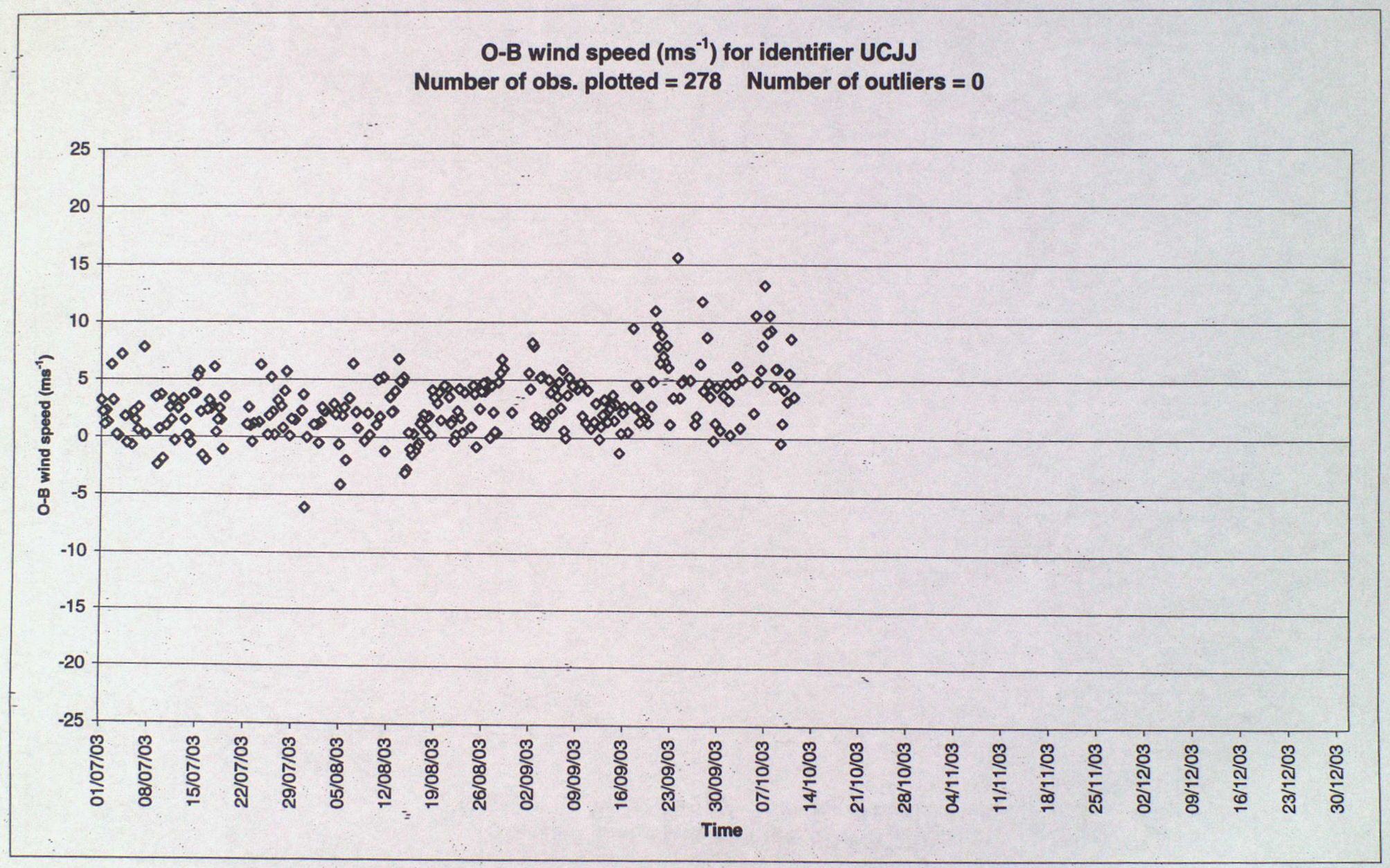
O-B wind speed (ms-1) for identifier P3JR9
Number of obs. plotted = 58 Number of outliers = 0
O-B wind speed (ms-1)
-25
-20
-15
-10
-5
0
5
10
15
20
25
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03


O-B wind speed (ms-1) for identifier SCKM
Number of obs. plotted = 190 Number of outliers = 0
O-B wind speed (ms-1)
25
20
15
10
5
0
-5
-10
-15
-20
-25
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time

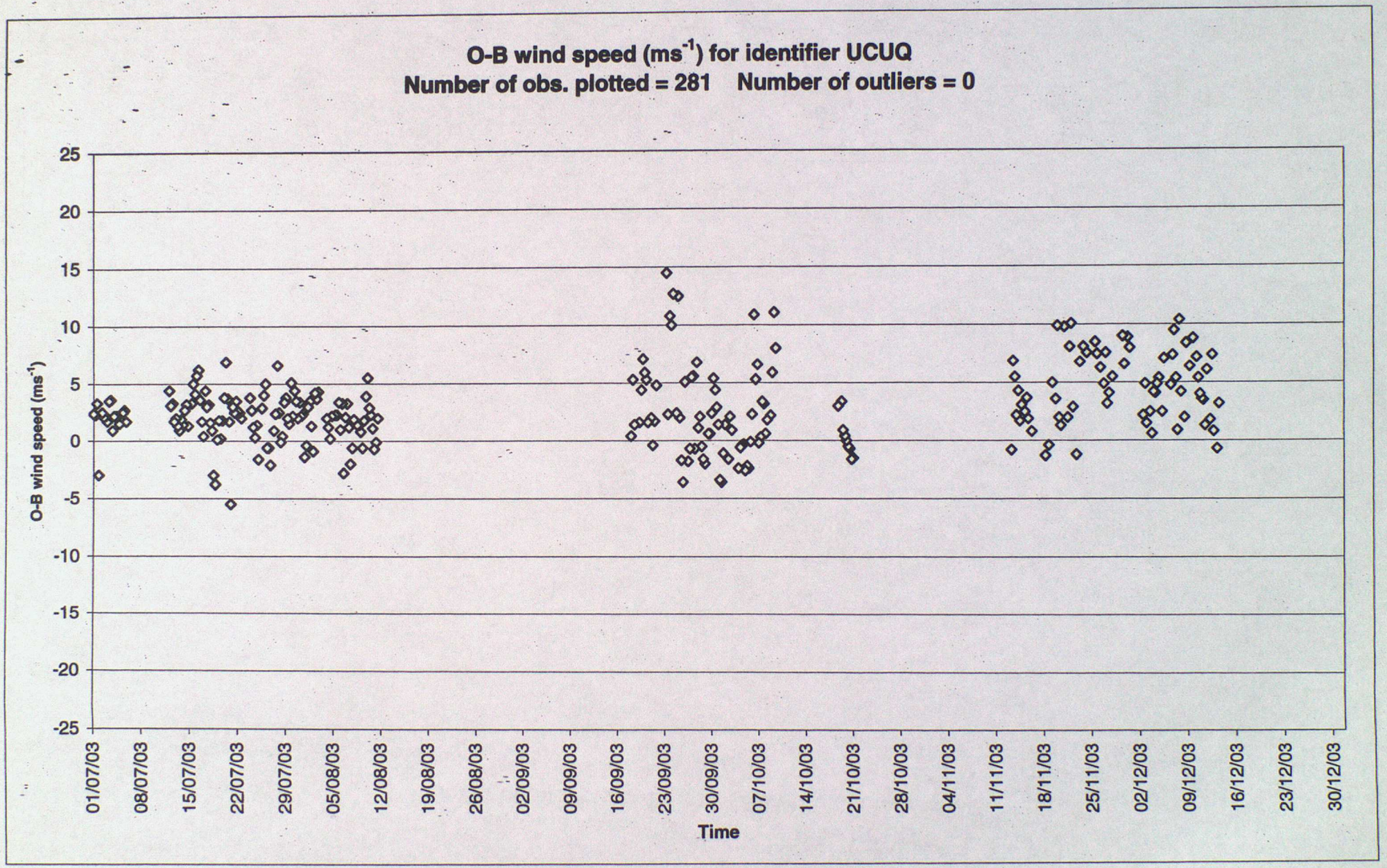
O-B wind speed (ms-1) for identifier SWYM
Number of obs. plotted = 143 Number of outliers = 0
O-B wind speed (ms-1)
-25
-20
-15
-10
-5
0
5
10
15
20
25
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03


O-B wind speed (ms-1) for identifier TEST
Number of obs. plotted = 919 Number of outliers = 147
O-B wind speed (ms-1)
50
40
30
20
10
0
-10
-20
-30
-40
-50
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time

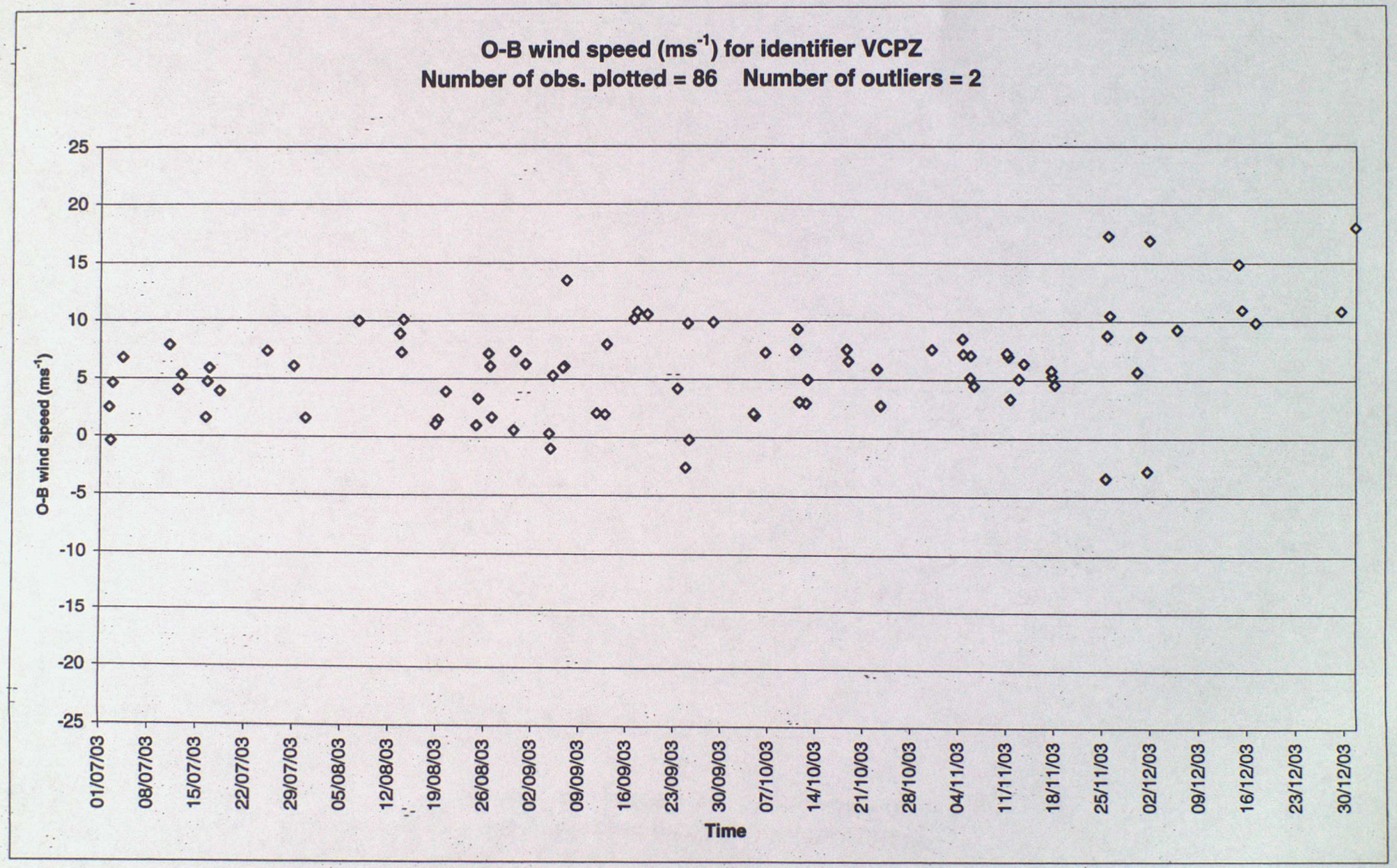
O-B wind speed (ms-1) for identifier TSMU
Number of obs. plotted = 135 Number of outliers = 5
O-B wind speed (ms-1)
-25
-20
-15
-10
-5
0
5
10
15
20
25
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03

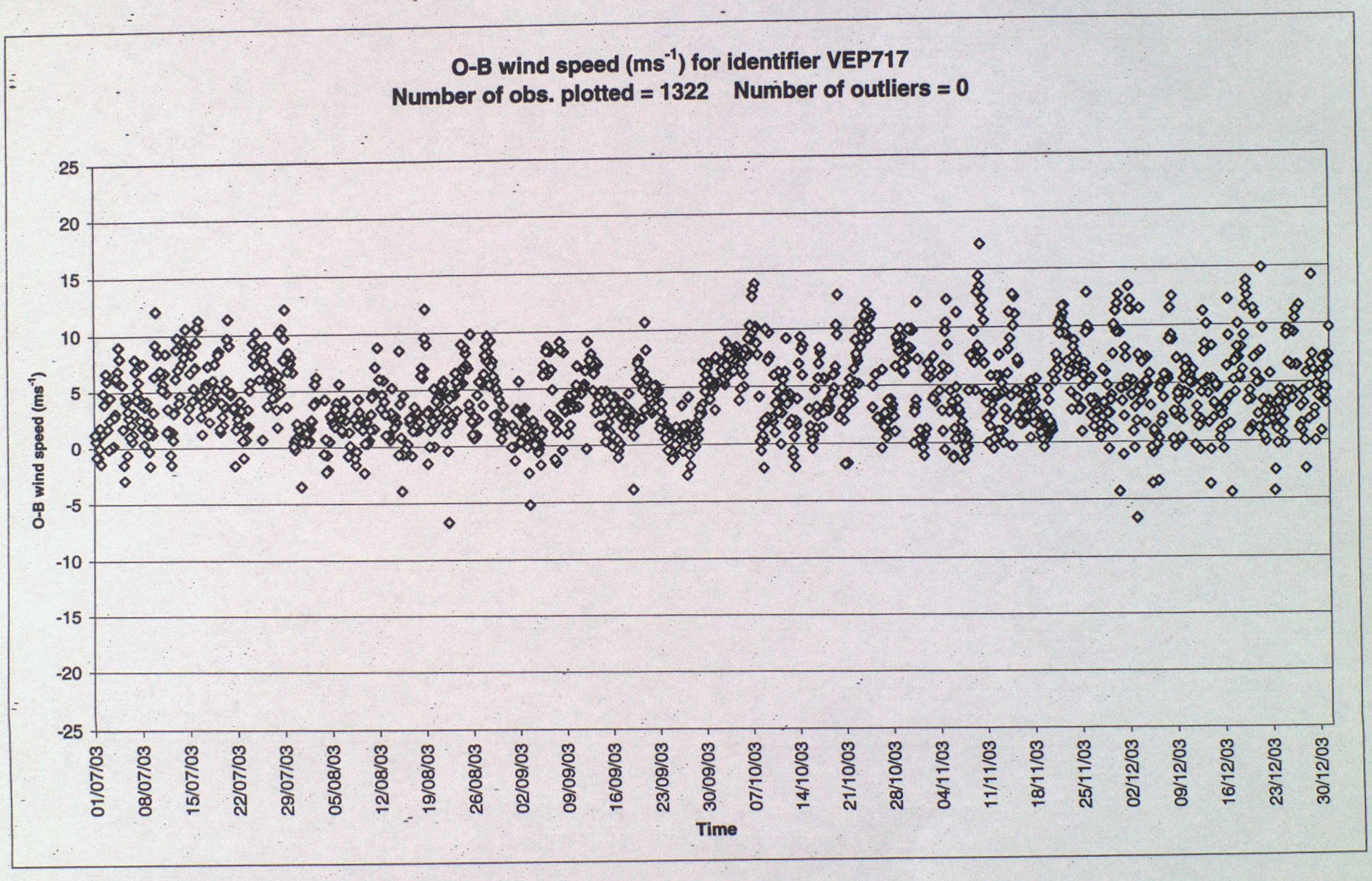

O-B wind speed (ms-1) for identifier UCJJ
Number of obs. plotted = 278 Number of outliers = 0
O-B wind speed (ms-1)
25
20
15
10
5
0
-5
-10
-15
-20
-25
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time

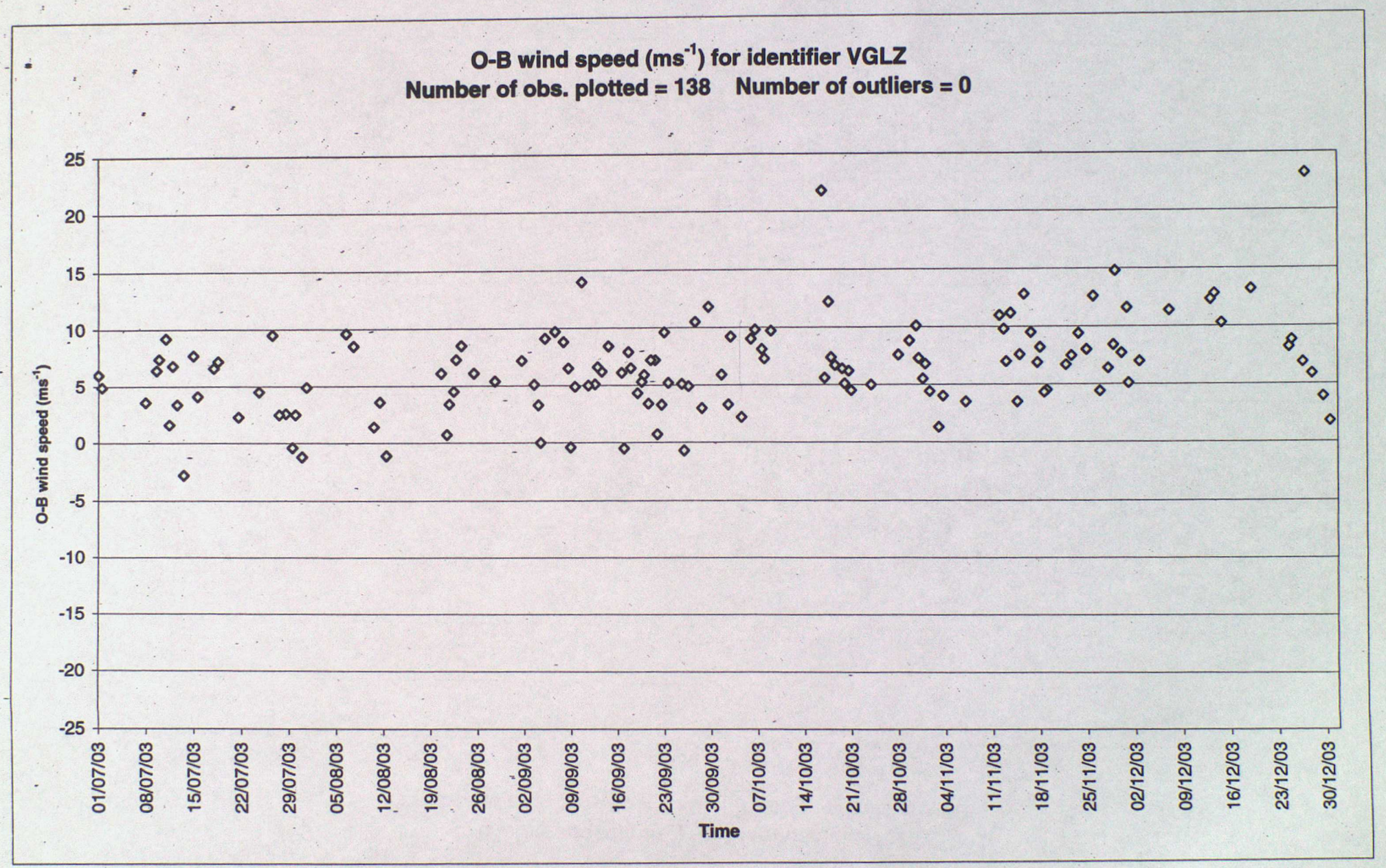
O-B wind speed (ms-1) for identifier UCUO
Number of obs. plotted = 208 Number of outliers = 0
O-B wind speed (ms-1)
-25
-20
-15
-10
-5
0
5
10
15
20
25
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03


O-B wind speed (ms-1) for identifier UCUQ
Number of obs. plotted = 281 Number of outliers = 0
O-B wind speed (ms-1)
25
20
15
10
5
0
-5
-10
-15
-20
-25
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time

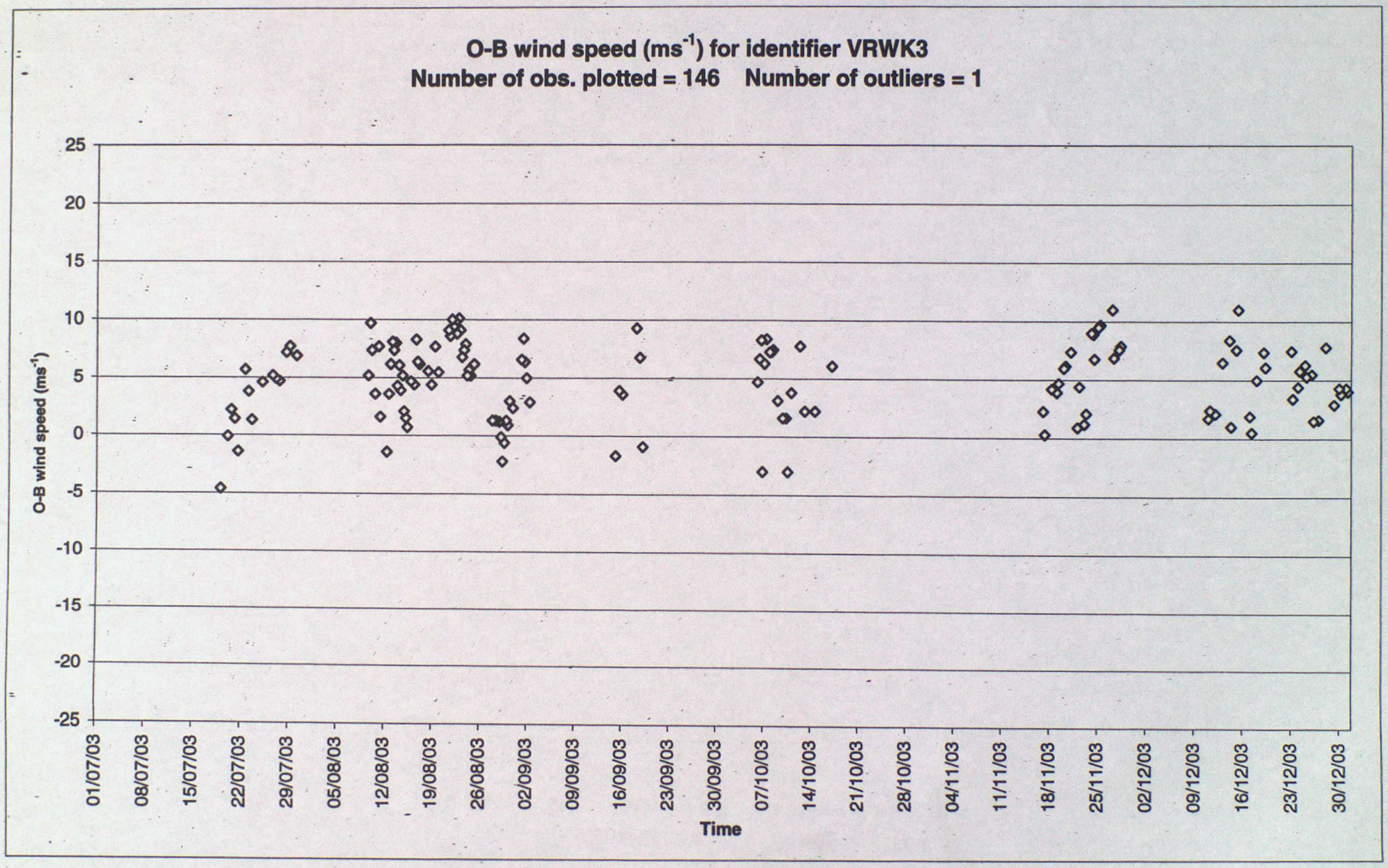
O-B wind speed (ms-1) for identifier UETM
Number of obs. plotted = 81 Number of outliers = 0
O-B wind speed (ms-1)
-25
-20
-15
-10
-5
0
5
10
15
20
25
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03


O-B wind speed (ms-1) for identifier VCPZ
Number of obs. plotted = 86 Number of outliers = 2
O-B wind speed (ms-1)
25
20
15
10
5
0
-5
-10
-15
-20
-25
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time

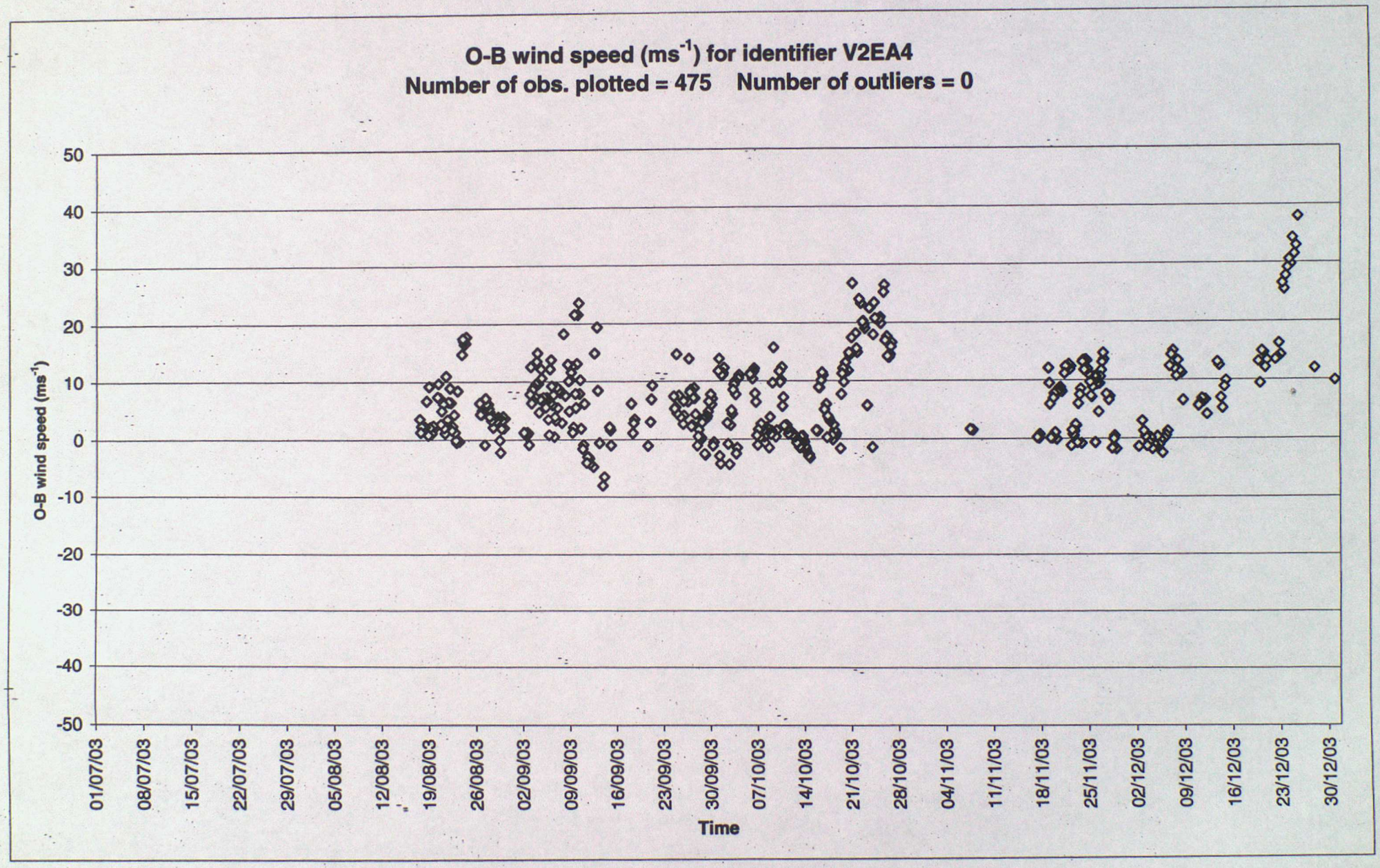

O-B wind speed (ms-1) for identifier VEP717
Number of obs. plotted = 1322 Number of outliers = 0
O-B wind speed (ms-1)
25
20
15
10
5
0
-5
-10
-15
-20
-25
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time


O-B wind speed (ms-1) for identifier VGLZ
Number of obs. plotted = 138 Number of outliers = 0
O-B wind speed (ms-1)
25
20
15
10
5
0
-5
-10
-15
-20
-25
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time

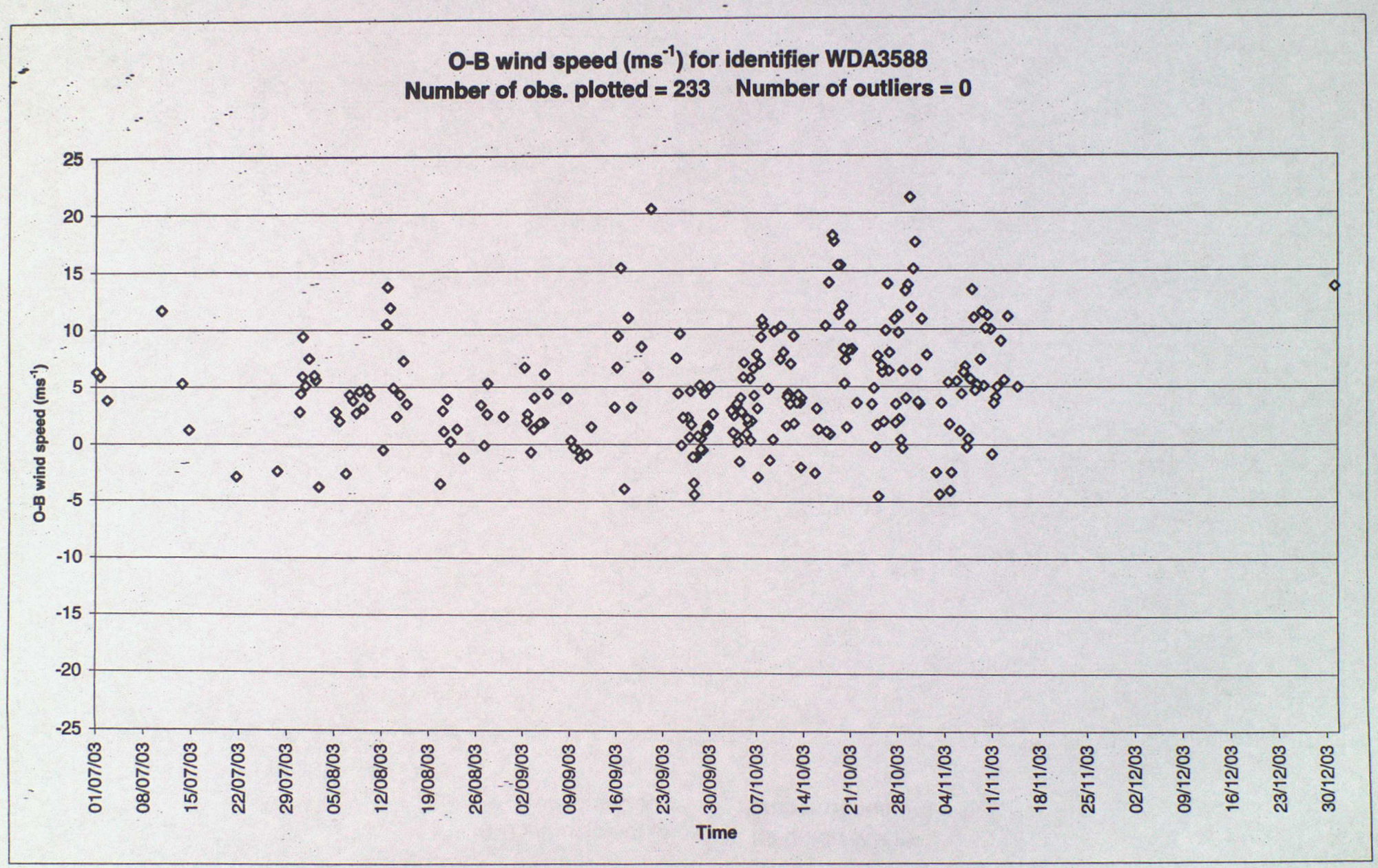
O-B wind speed (ms-1) for identifier VOTV
Number of obs. plotted = 69 Number of outliers = 0
O-B wind speed (ms-1)
-25
-20
-15
-10
-5
0
5
10
15
20
25
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03


O-B wind speed (ms-1) for identifier VRWK3
Number of obs. plotted = 146 Number of outliers = 1
O-B wind speed (ms-1)
25
20
15
10
5
0
-5
-10
-15
-20
-25
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time

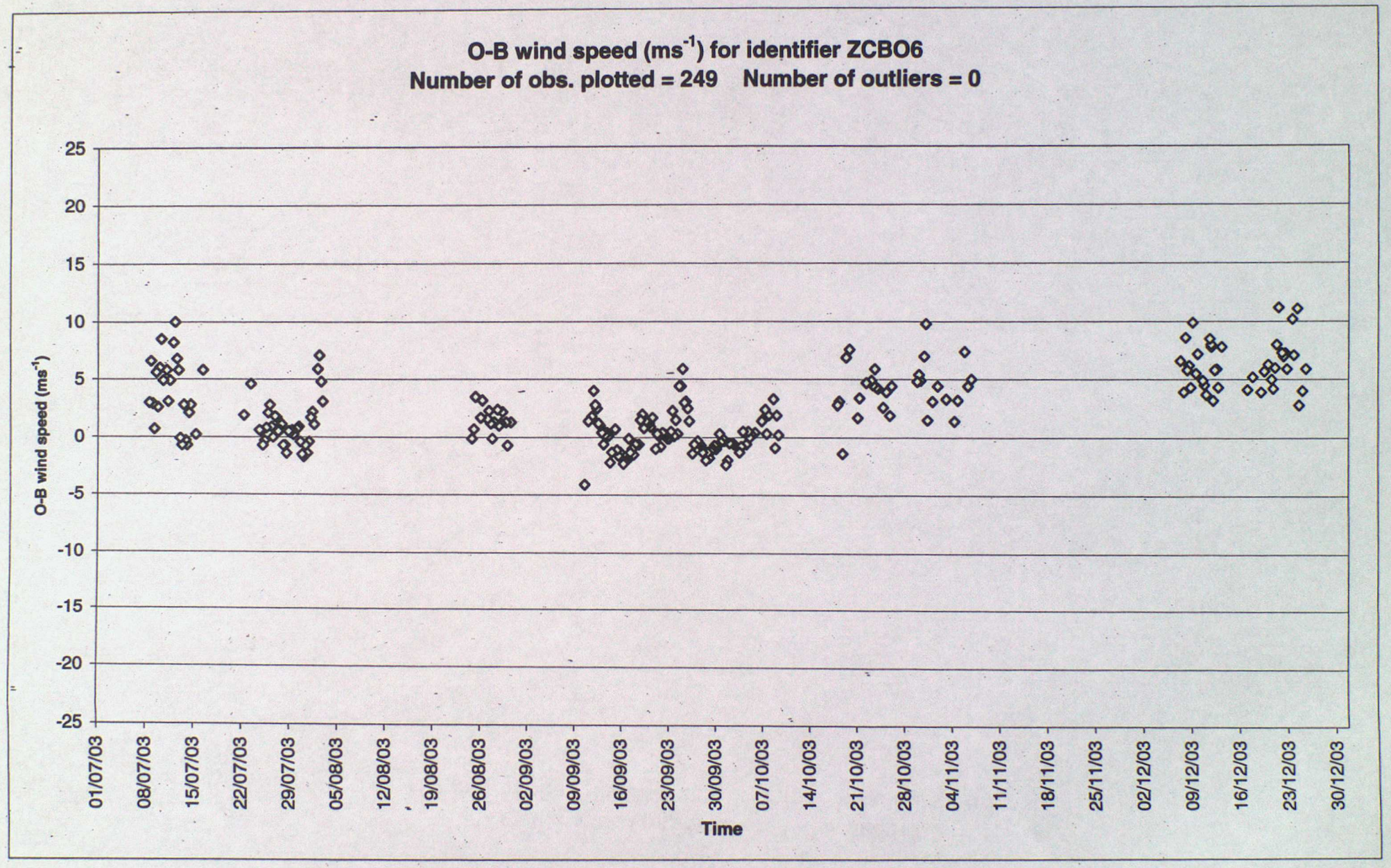
O-B wind speed (ms-1) for identifier V2DX
Number of obs. plotted = 193 Number of outliers = 0
O-B wind speed (ms-1)
-25
-20
-15
-10
-5
0
5
10
15
20
25
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03


O-B wind speed (ms-1) for identifier V2EA4
Number of obs. plotted = 475 Number of outliers = 0
O-B wind speed (ms-1)
50
40
30
20
10
0
-10
-20
-30
-40
-50
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time

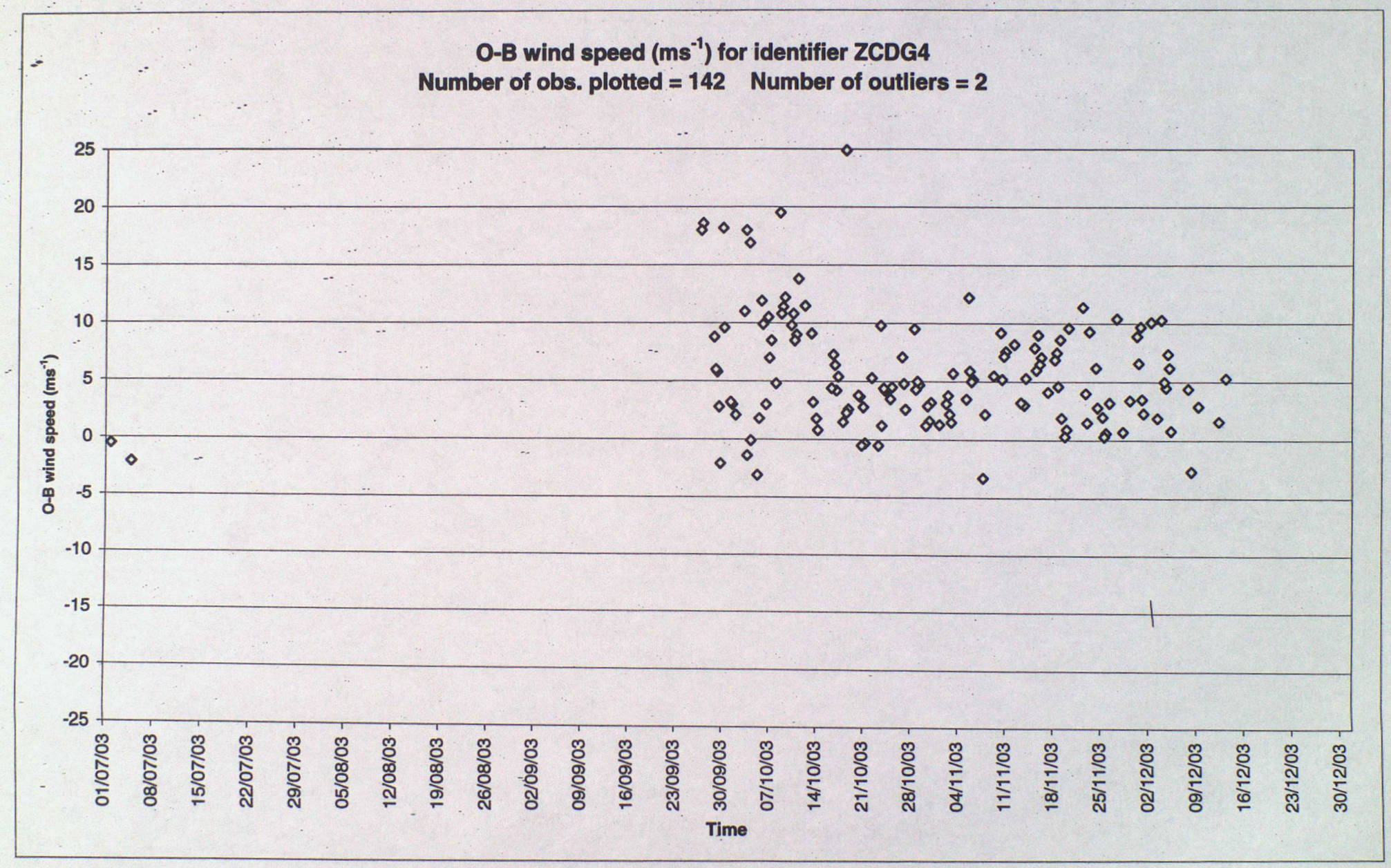
O-B wind speed (ms-1) for identifier V2FN
Number of obs. plotted = 97 Number of outliers = 1
O-B wind speed (ms-1)
-25
-20
-15
-10
-5
0
5
10
15
20
25
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03


O-B wind speed (ms-1) for identifier WDA3588
Number of obs. plotted = 233 Number of outliers = 0
O-B wind speed (ms-1)
25
20
15
10
5
0
-5
-10
-15
-20
-25
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time

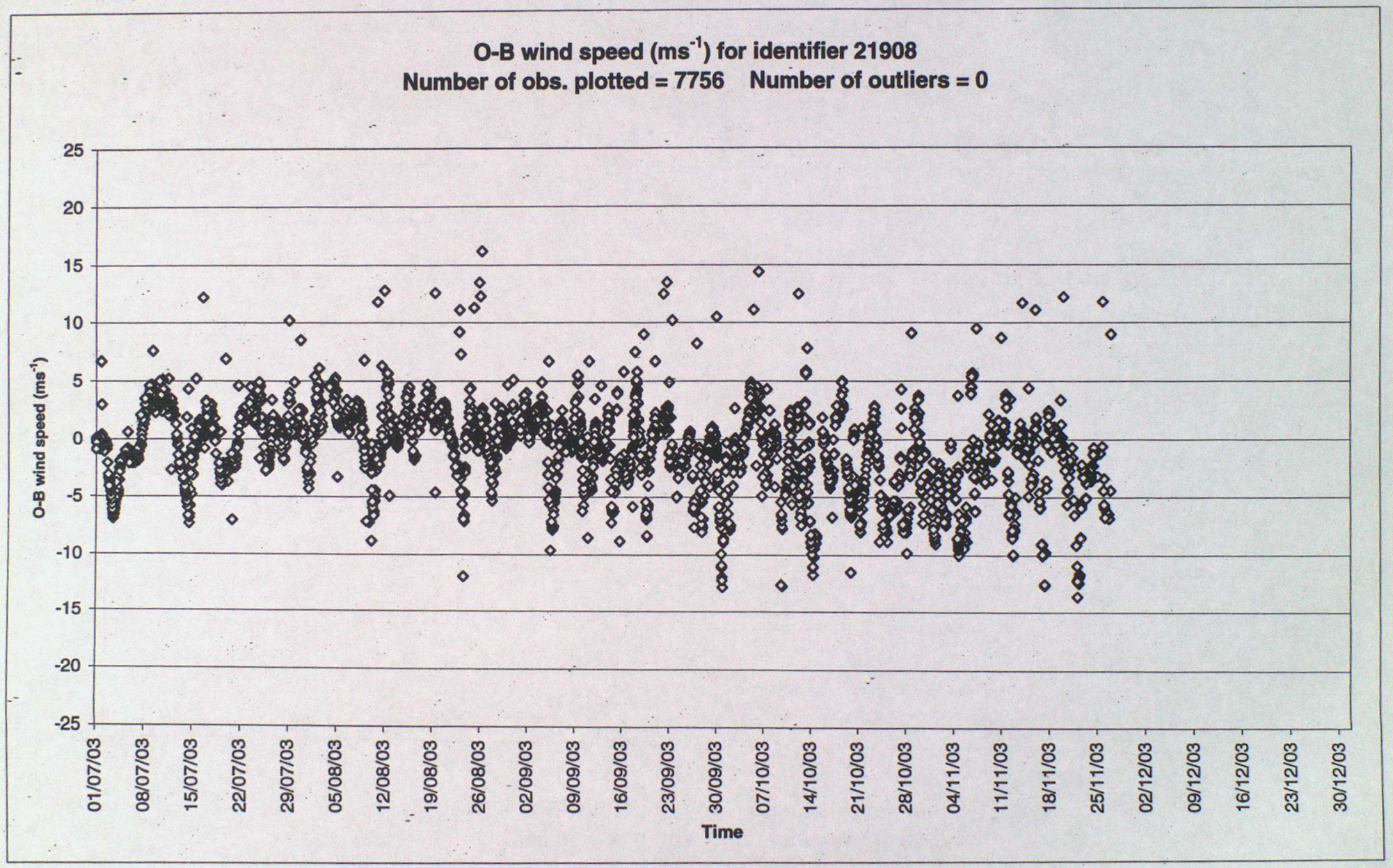
O-B wind speed (ms-1) for identifier ZCBH9
Number of obs. plotted = 239 Number of outliers = 0
O-B wind speed (ms-1)
-25
-20
-15
-10
-5
0
5
10
15
20
25
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03

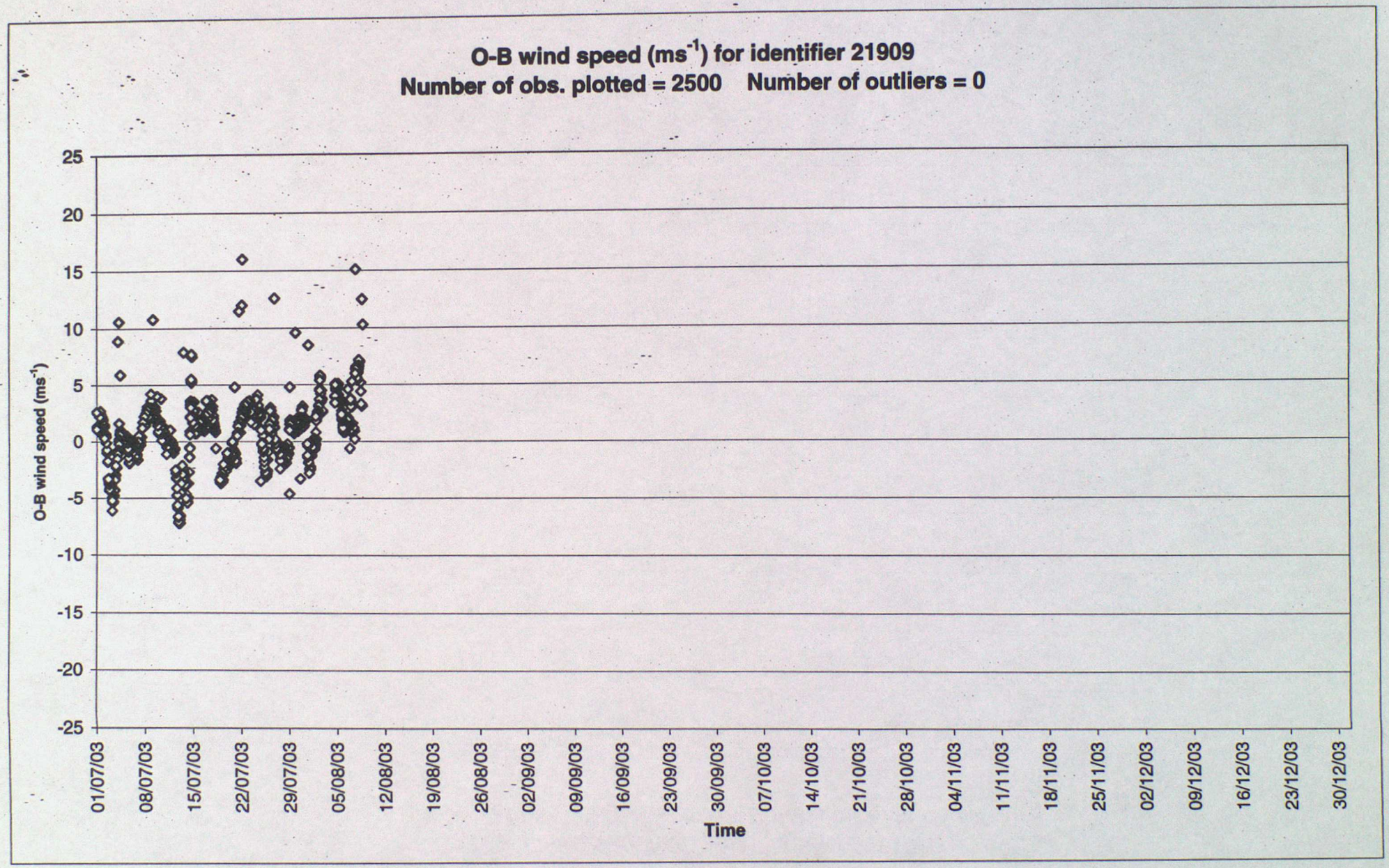

O-B wind speed (ms-1) for identifier ZCBO6
Number of obs. plotted = 249 Number of outliers = 0
O-B wind speed (ms-1)
25
20
15
10
5
0
-5
-10
-15
-20
-25
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time

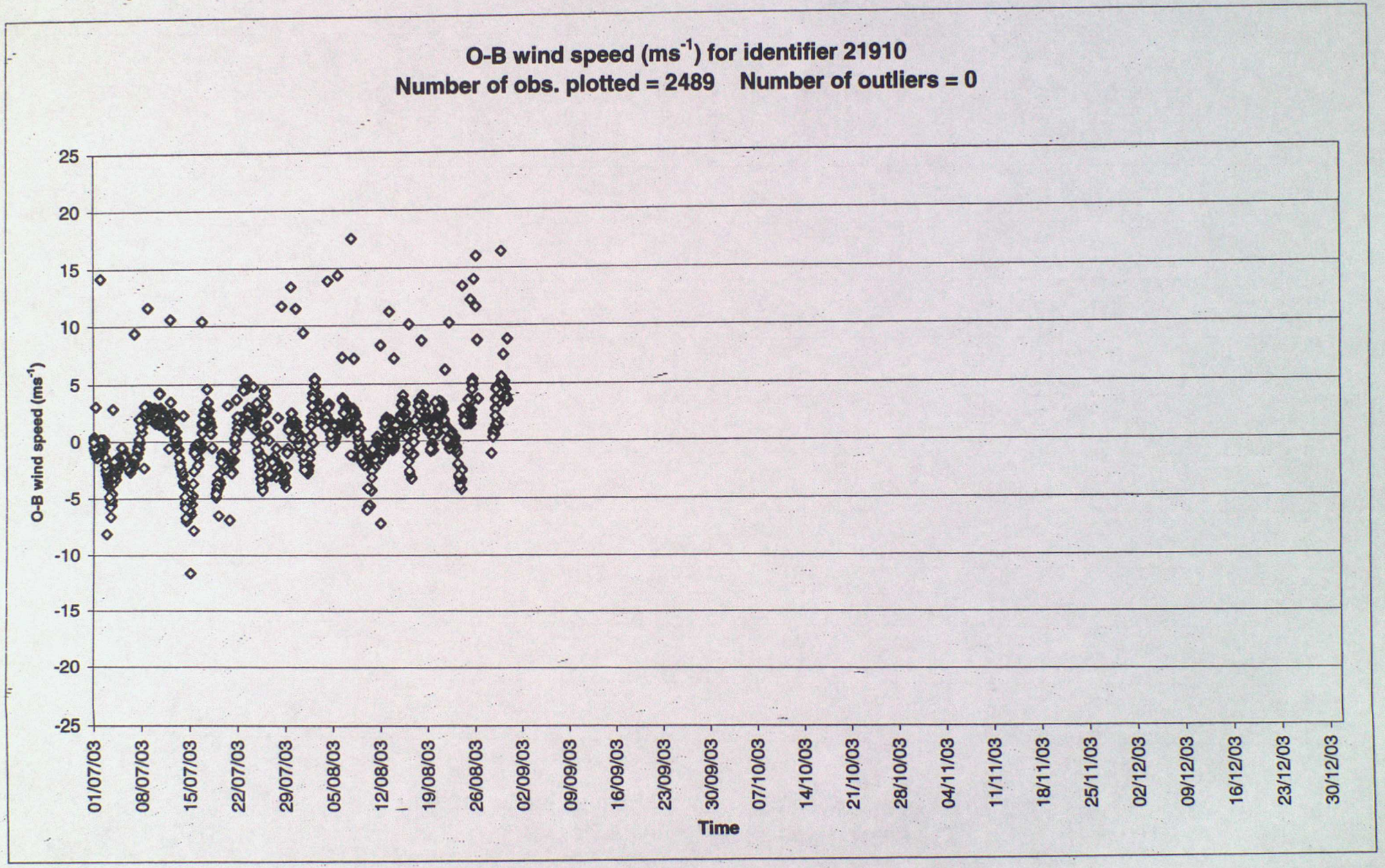
O-B wind speed (ms-1) for identifier ZCBV4
Number of obs. plotted = 237 Number of outliers = 0
O-B wind speed (ms-1)
-25
-20
-15
-10
-5
0
5
10
15
20
25
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03


O-B wind speed (ms-1) for identifier ZCDG4
Number of obs. plotted = 142 Number of outliers = 2
O-B wind speed (ms-1)
25
20
15
10
5
0
-5
-10
-15
-20
-25
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time

O-B wind speed (ms-1) for identifier 21634
Number of obs. plotted = 1507 Number of outliers = 11
O-B wind speed (ms-1)
-50
-40
-30
-20
-10
0
10
20
30
40
50
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03

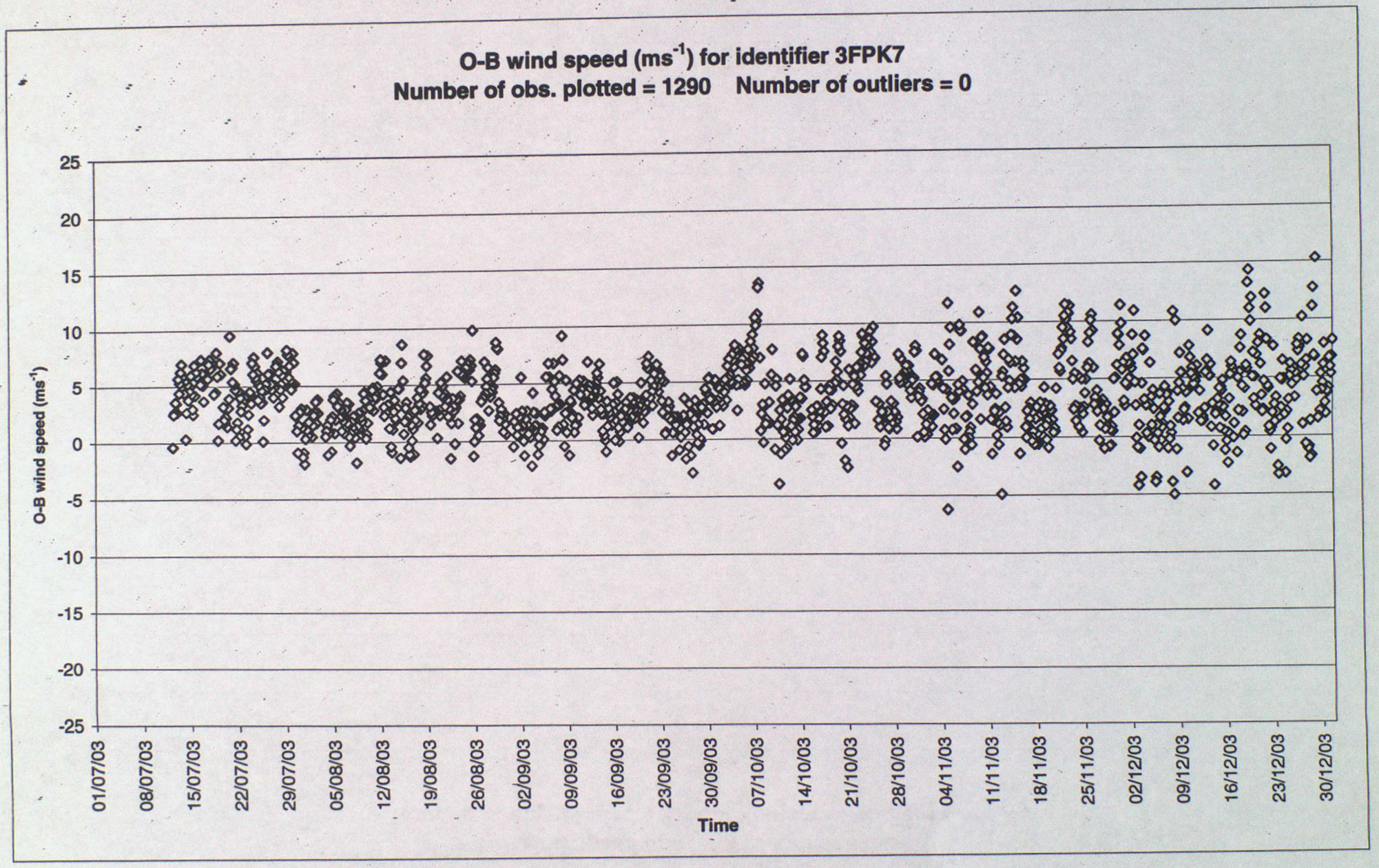

O-B wind speed (ms-1) for identifier 21908
Number of obs. plotted = 7756 Number of outliers = 0
O-B wind speed (ms-1)
25
20
15
10
5
0
-5
-10
-15
-20
-25
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time

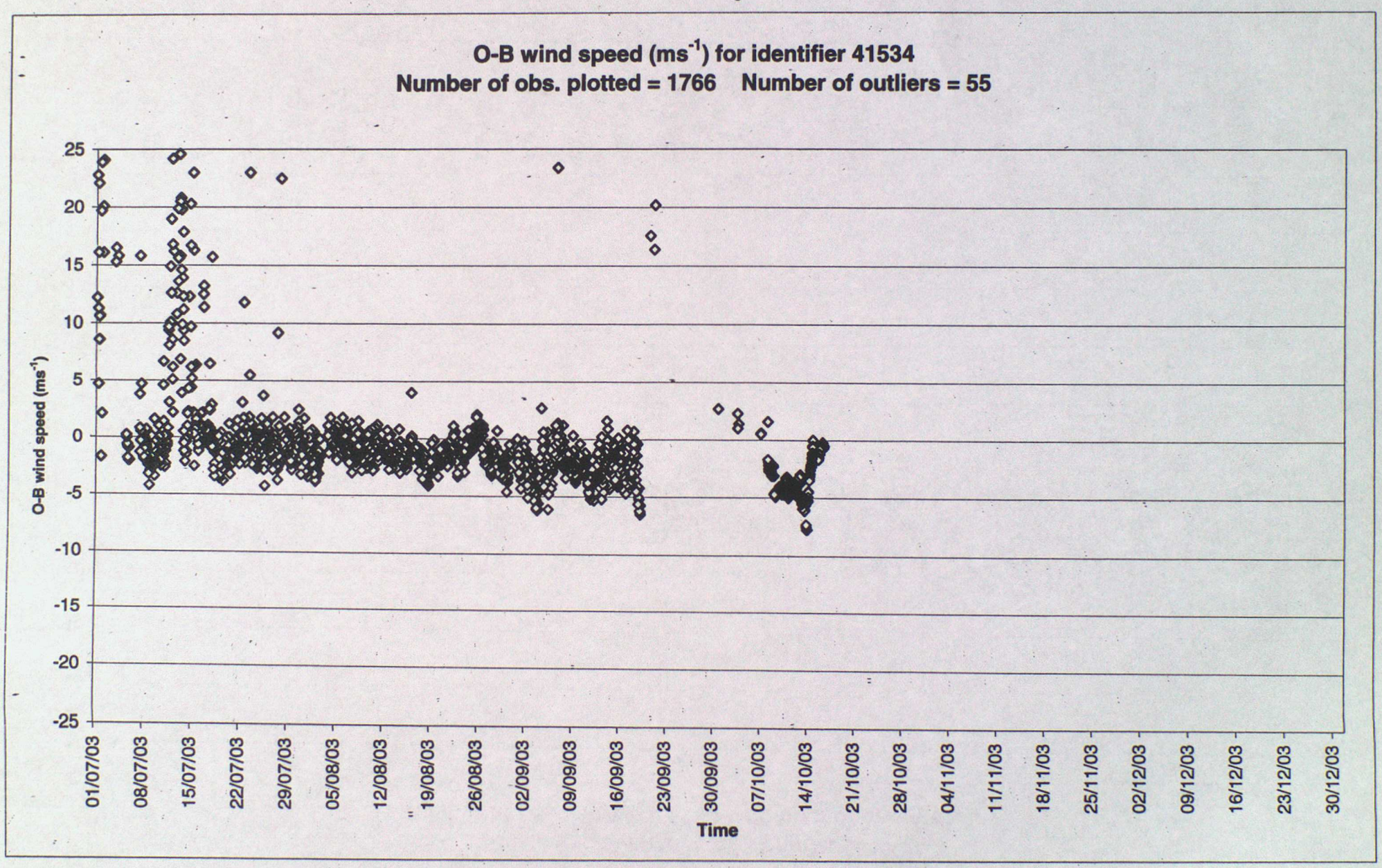

O-B wind speed (ms-1) for identifier 21909
Number of obs. plotted = 2500 Number of outliers = 0
O-B wind speed (ms-1)
25
20
15
10
5
0
-5
-10
-15
-20
-25
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time

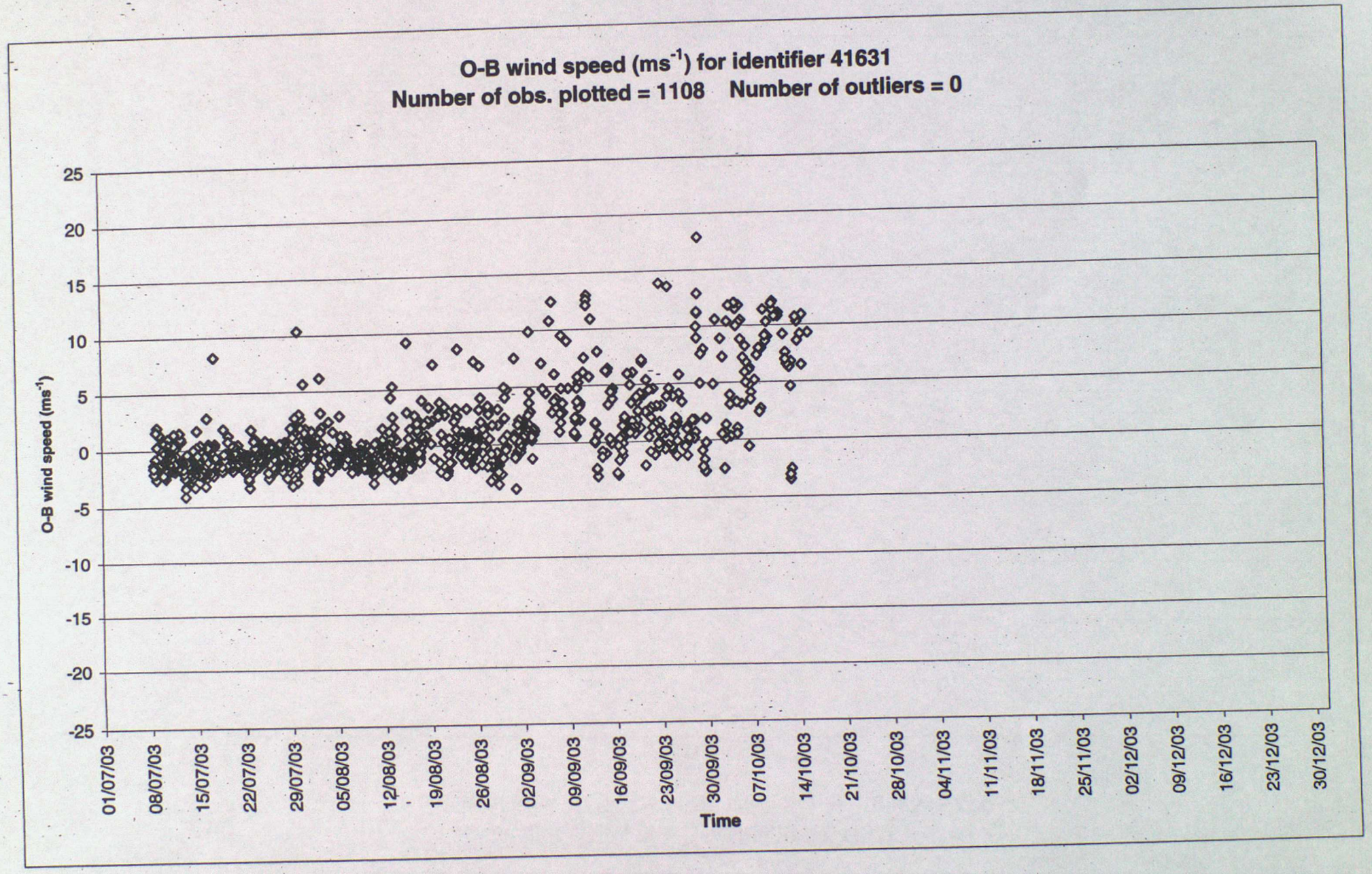

O-B wind speed (ms-1) for identifier 21910
Number of obs. plotted = 2489 Number of outliers = 0
O-B wind speed (ms-1)
25
20
15
10
5
0
-5
-10
-15
-20
-25
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time

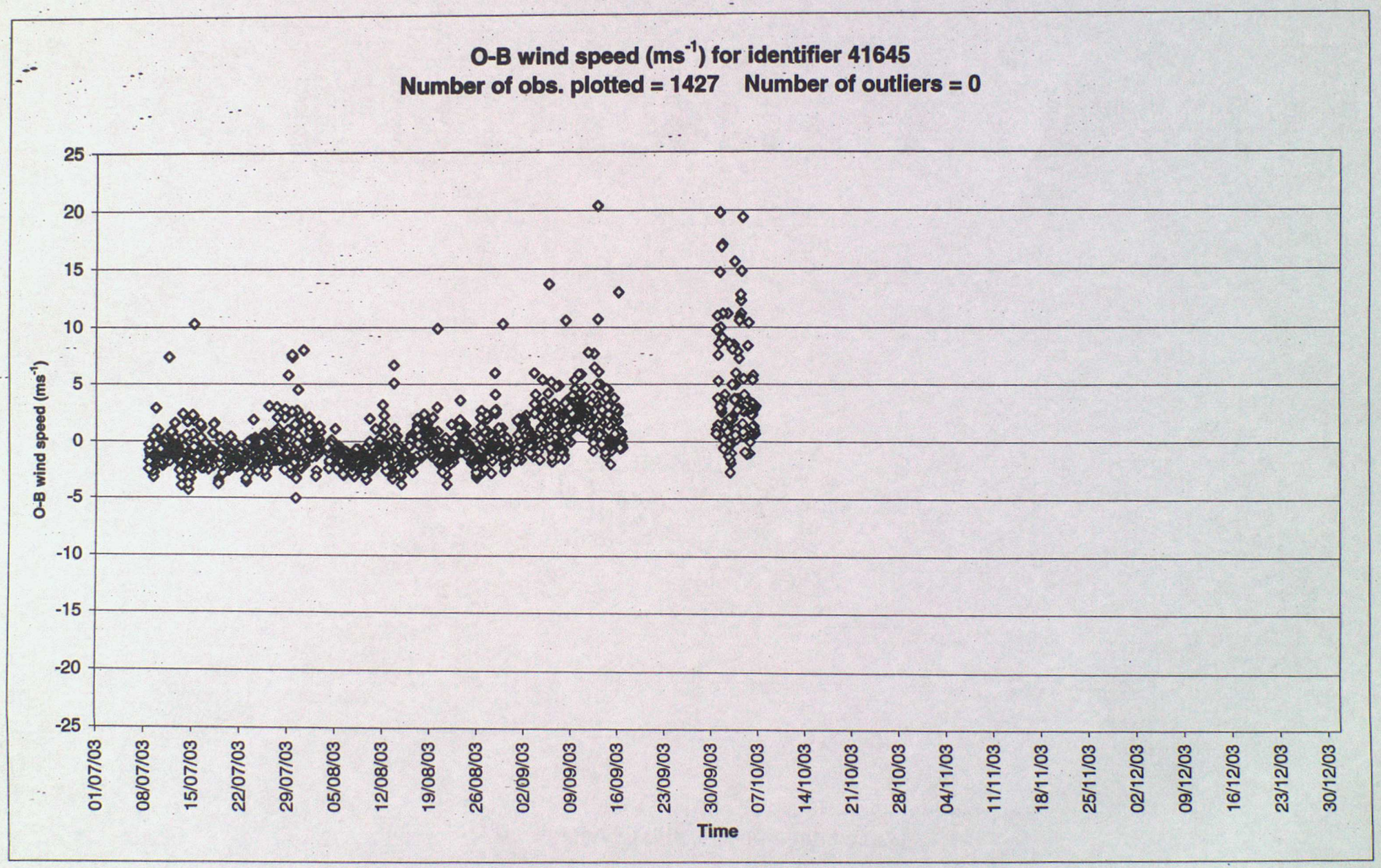
O-B wind speed (ms-1) for identifier 3ETX6
Number of obs. plotted = 428 Number of outliers = 0
O-B wind speed (ms-1)
-25
-20
-15
-10
-5
0
5
10
15
20
25
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03

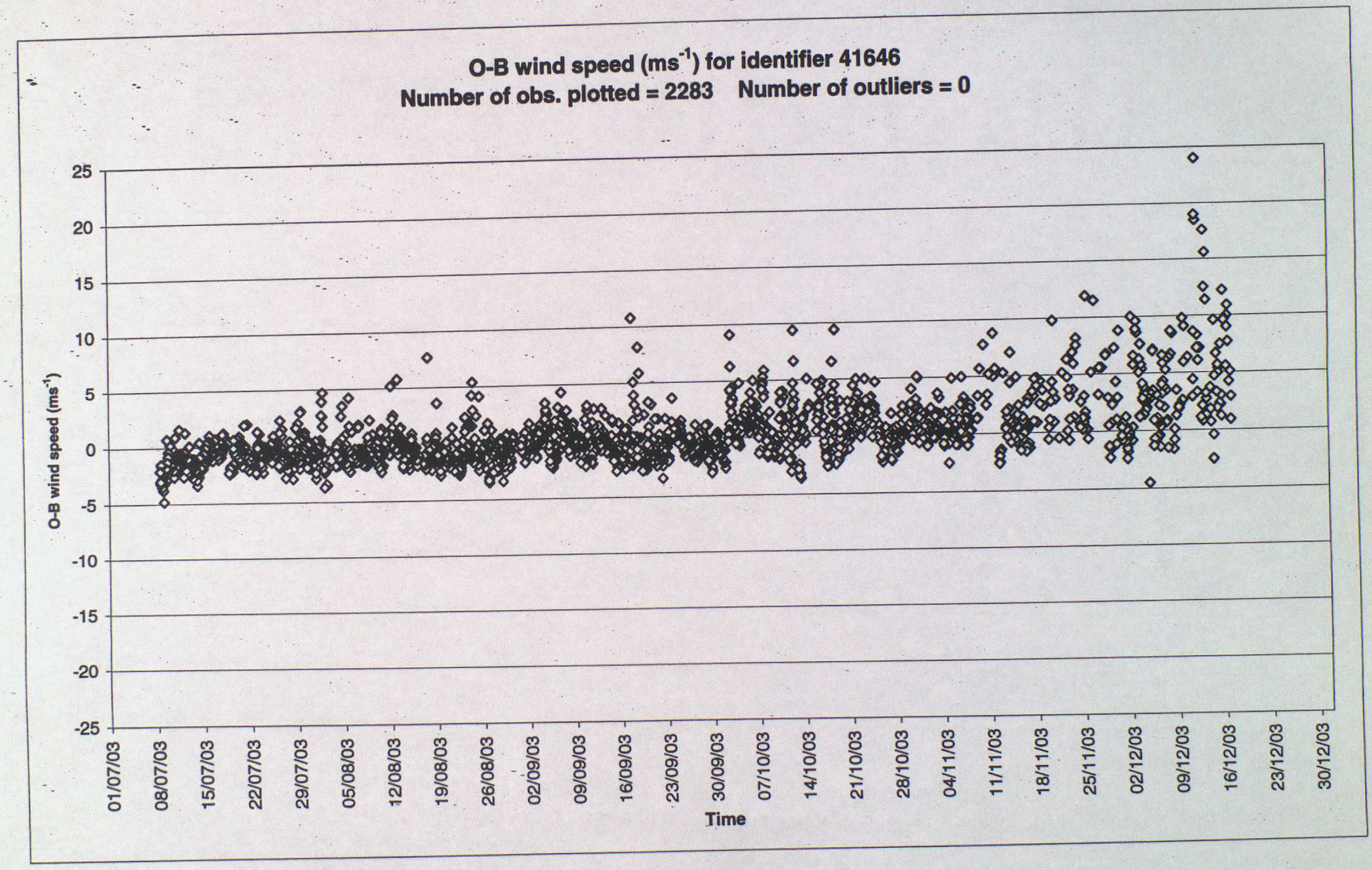
O-B wind speed (ms-1) for identifier 3FEI6
Number of obs. plotted = 282 Number of outliers = 1
O-B wind speed (ms-1)
-25
-20
-15
-10
-5
0
5
10
15
20
25
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03


O-B wind speed (ms-1) for identifier 3FPK7
Number of obs. plotted = 1290 Number of outliers = 0
O-B wind speed (ms-1)
25
20
15
10
5
0
-5
-10
-15
-20
-25
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time

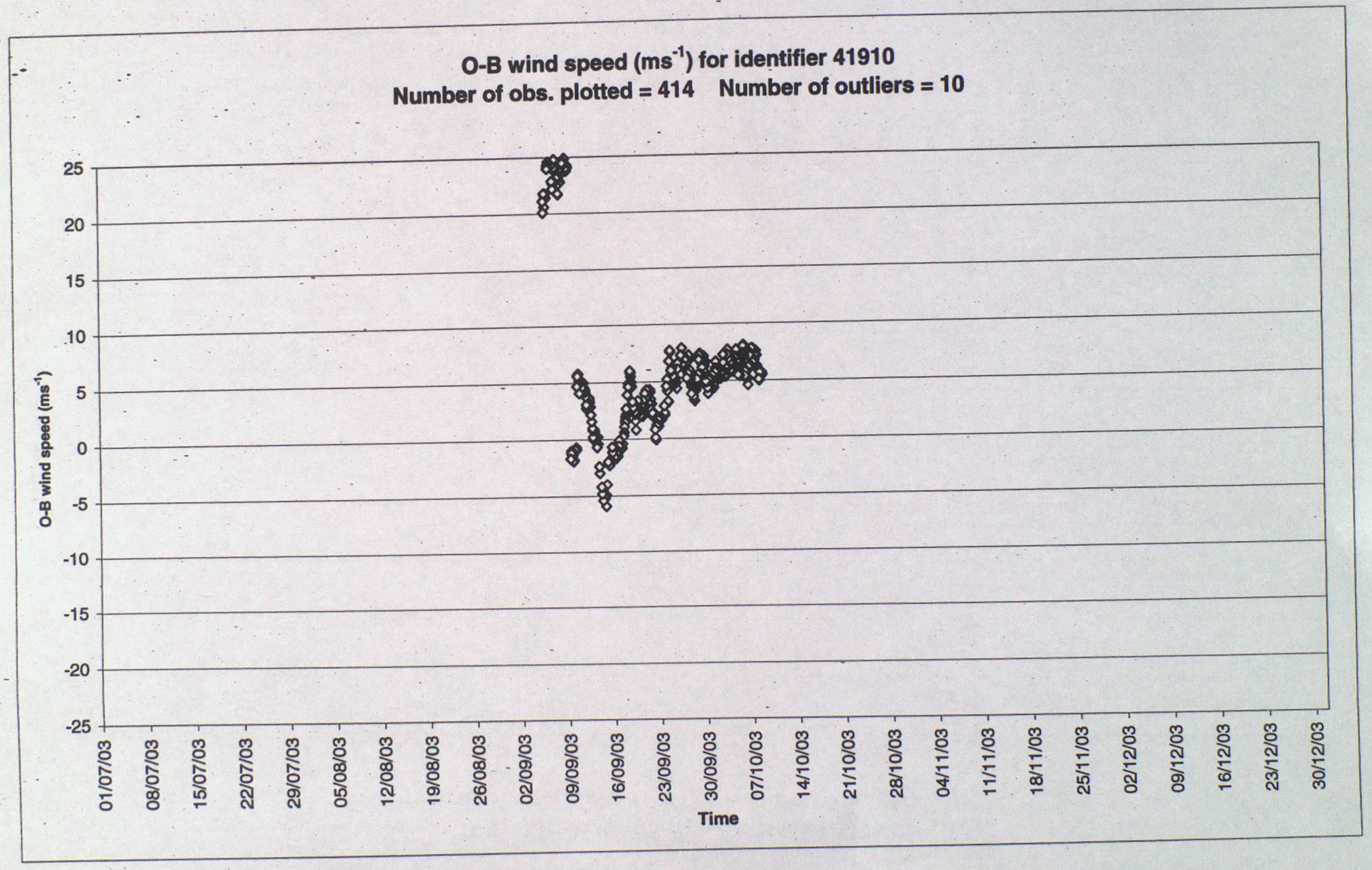

O-B wind speed (ms-1) for identifier 41534
Number of obs. plotted = 1766 Number of outliers = 55
O-B wind speed (ms-1)
25
20
15
10
5
0
-5
-10
-15
-20
-25
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time

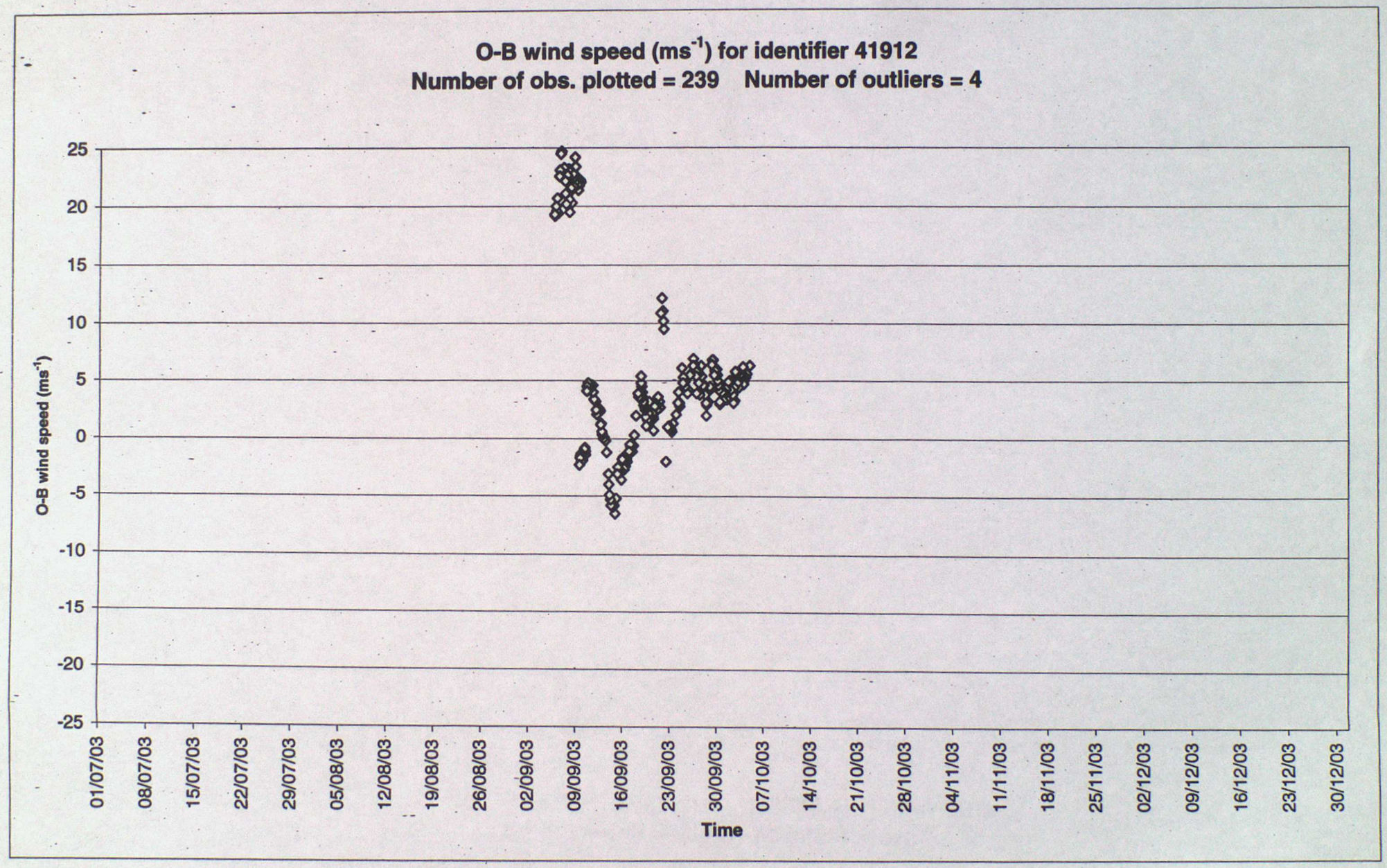

O-B wind speed (ms-1) for identifier 41631
Number of obs. plotted = 1108 Number of outliers = 0
O-B wind speed (ms-1)
25
20
15
10
5
0
-5
-10
-15
-20
-25
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time

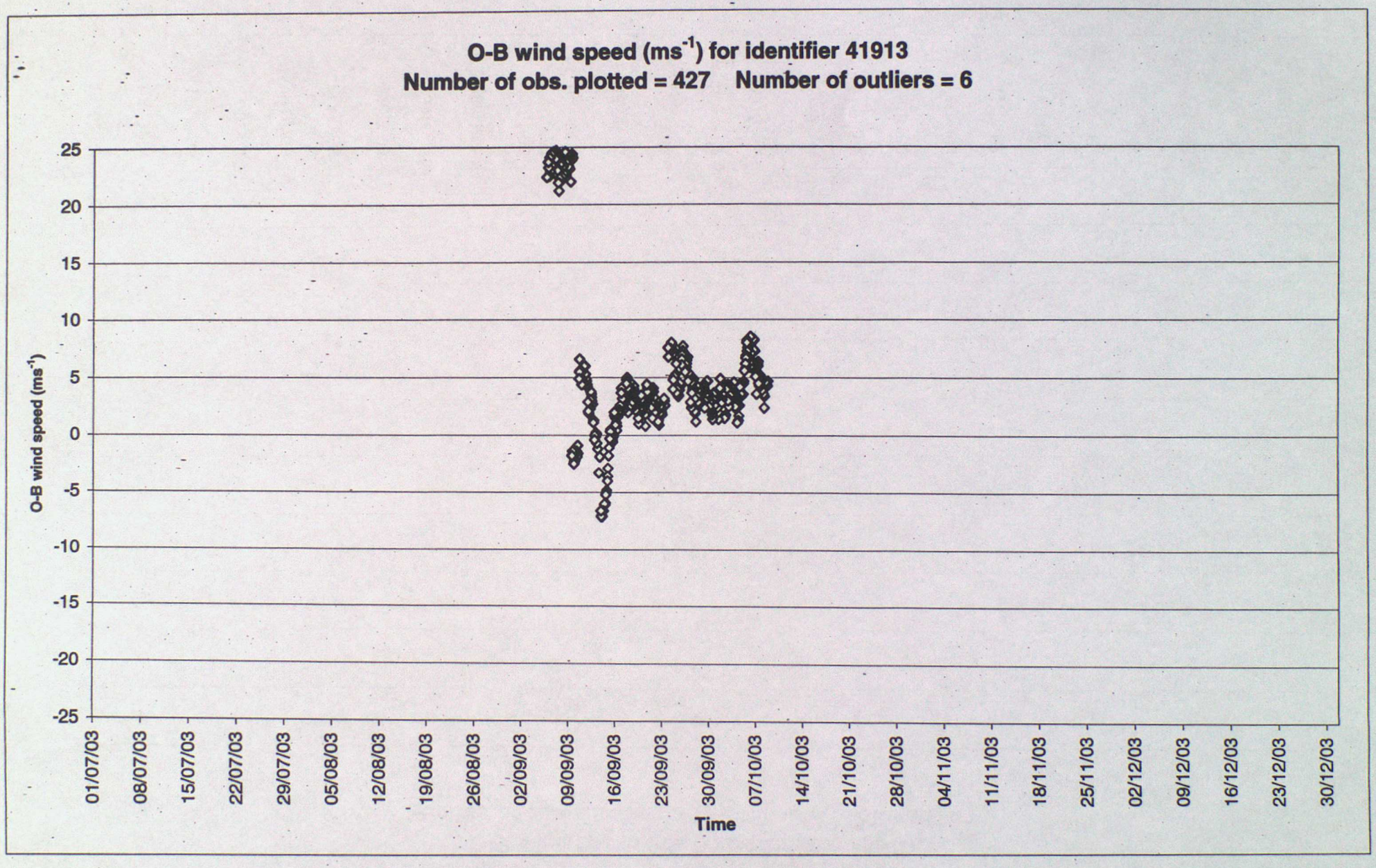

O-B wind speed (ms-1) for identifier 41645
Number of obs. plotted = 1427 Number of outliers = 0
O-B wind speed (ms-1)
25
20
15
10
5
0
-5
-10
-15
-20
-25
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time

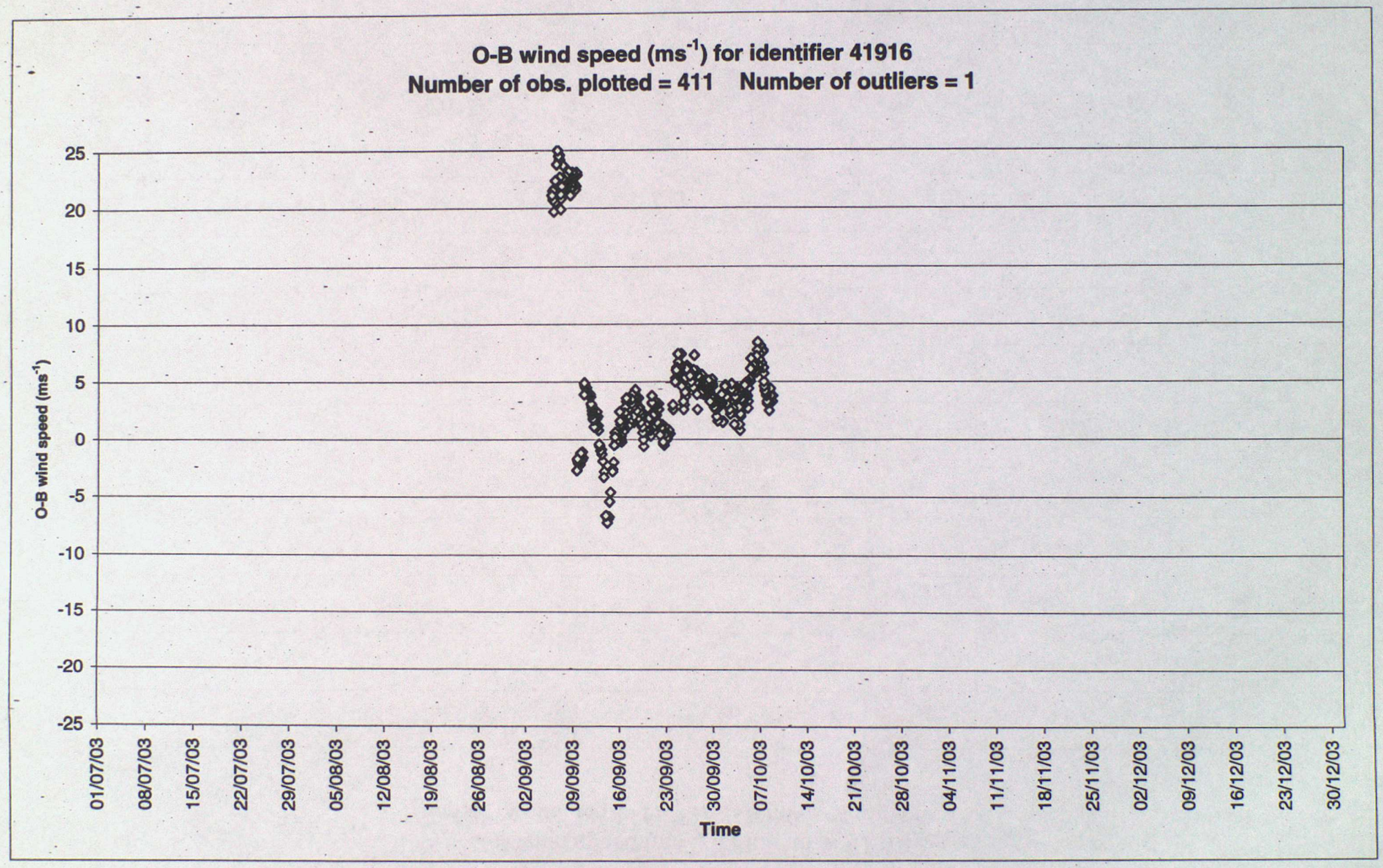

O-B wind speed (ms-1) for identifier 41646
Number of obs. plotted = 2283 Number of outliers = 0
O-B wind speed (ms-1)
25
20
15
10
5
0
-5
-10
-15
-20
-25
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time

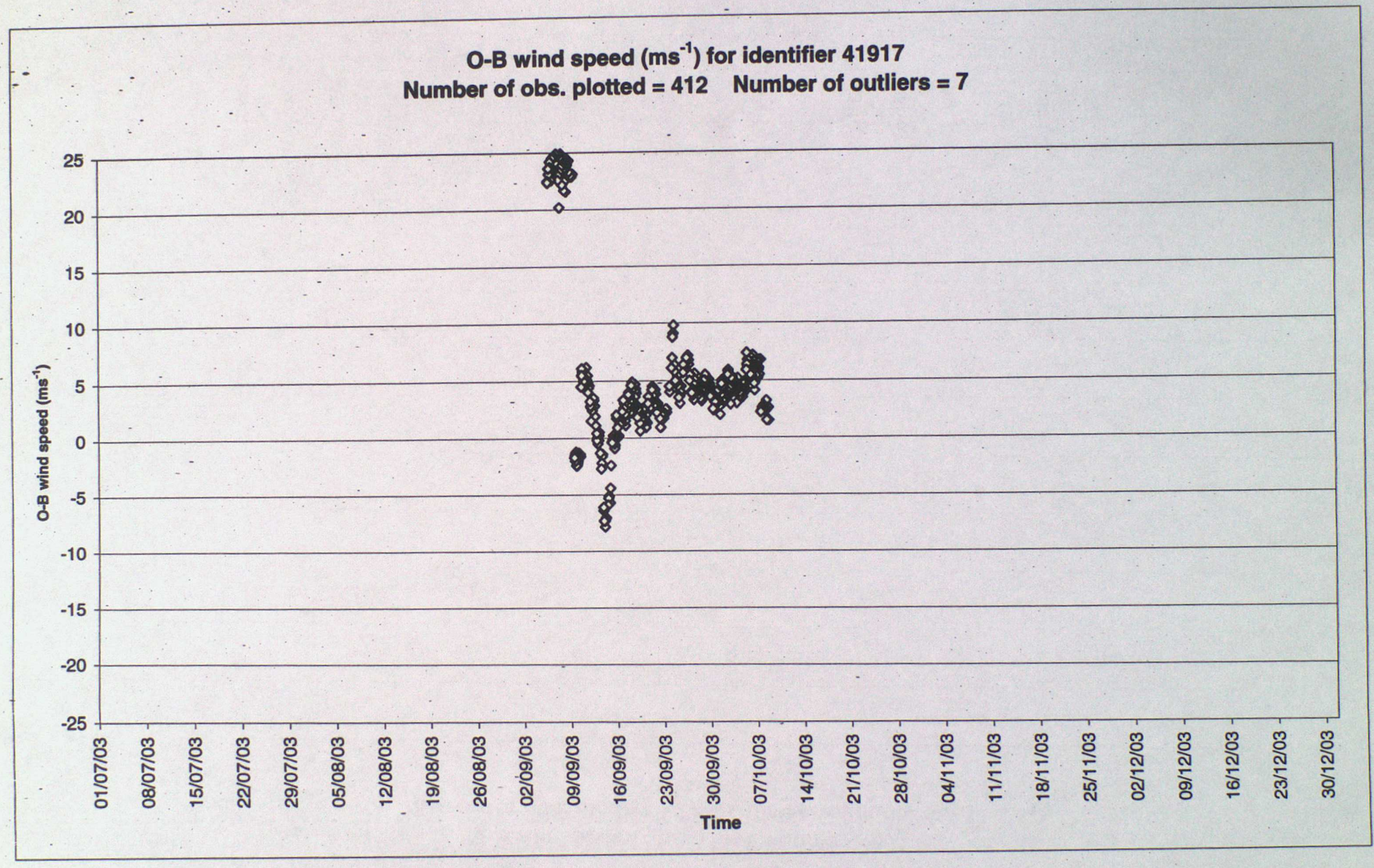
O-B wind speed (ms-1) for identifier 41655
Number of obs. plotted = 2746 Number of outliers = 0
O-B wind speed (ms-1)
-25
-20
-15
-10
-5
0
5
10
15
20
25
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03


O-B wind speed (ms-1) for identifier 41910
Number of obs. plotted = 414 Number of outliers = 10
O-B wind speed (ms-1)
25
20
15
10
5
0
-5
-10
-15
-20
-25
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time

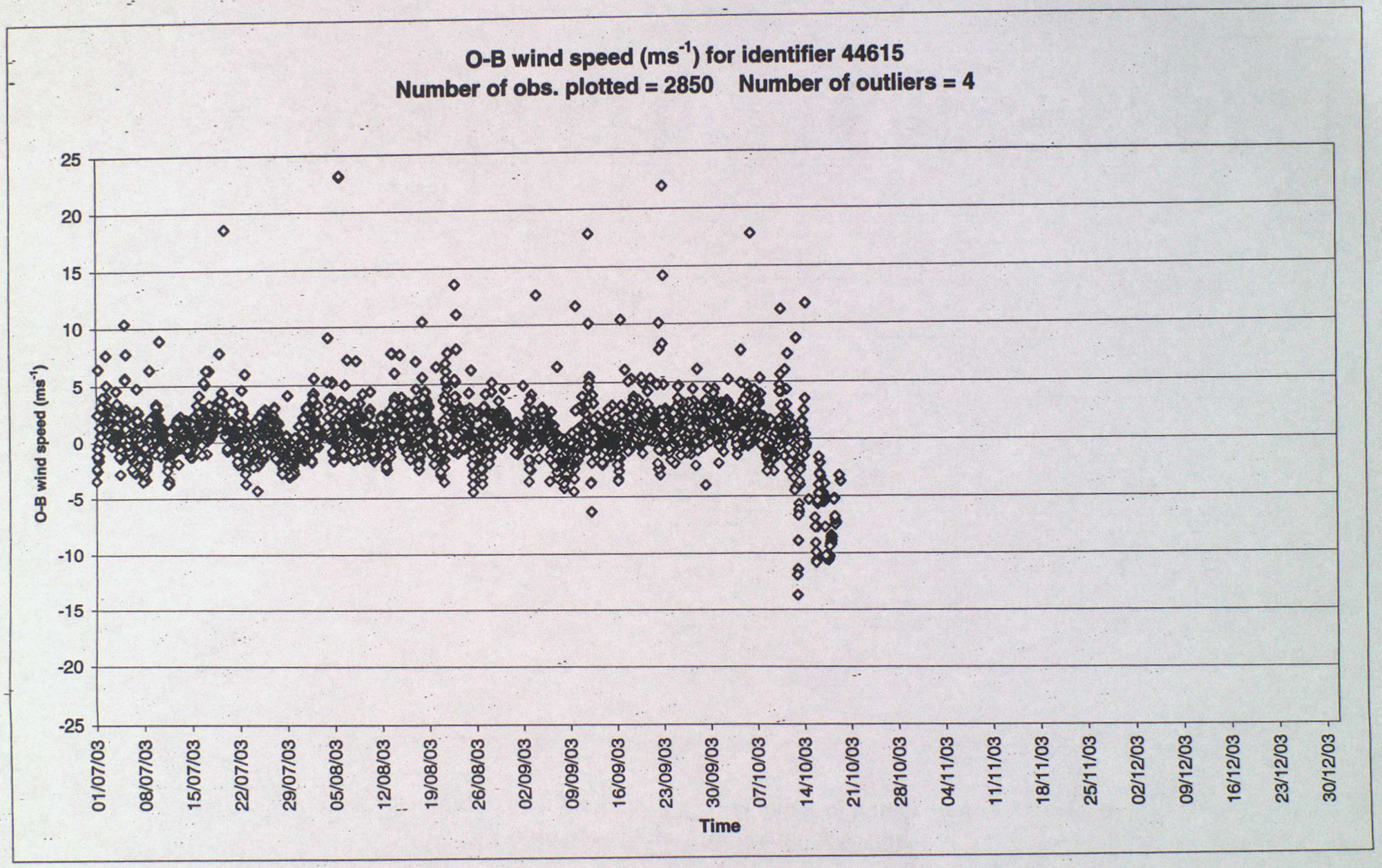

O-B wind speed (ms-1) for identifier 41912
Number of obs. plotted = 239 Number of outliers = 4
O-B wind speed (ms-1)
25
20
15
10
5
0
-5
-10
-15
-20
-25
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time

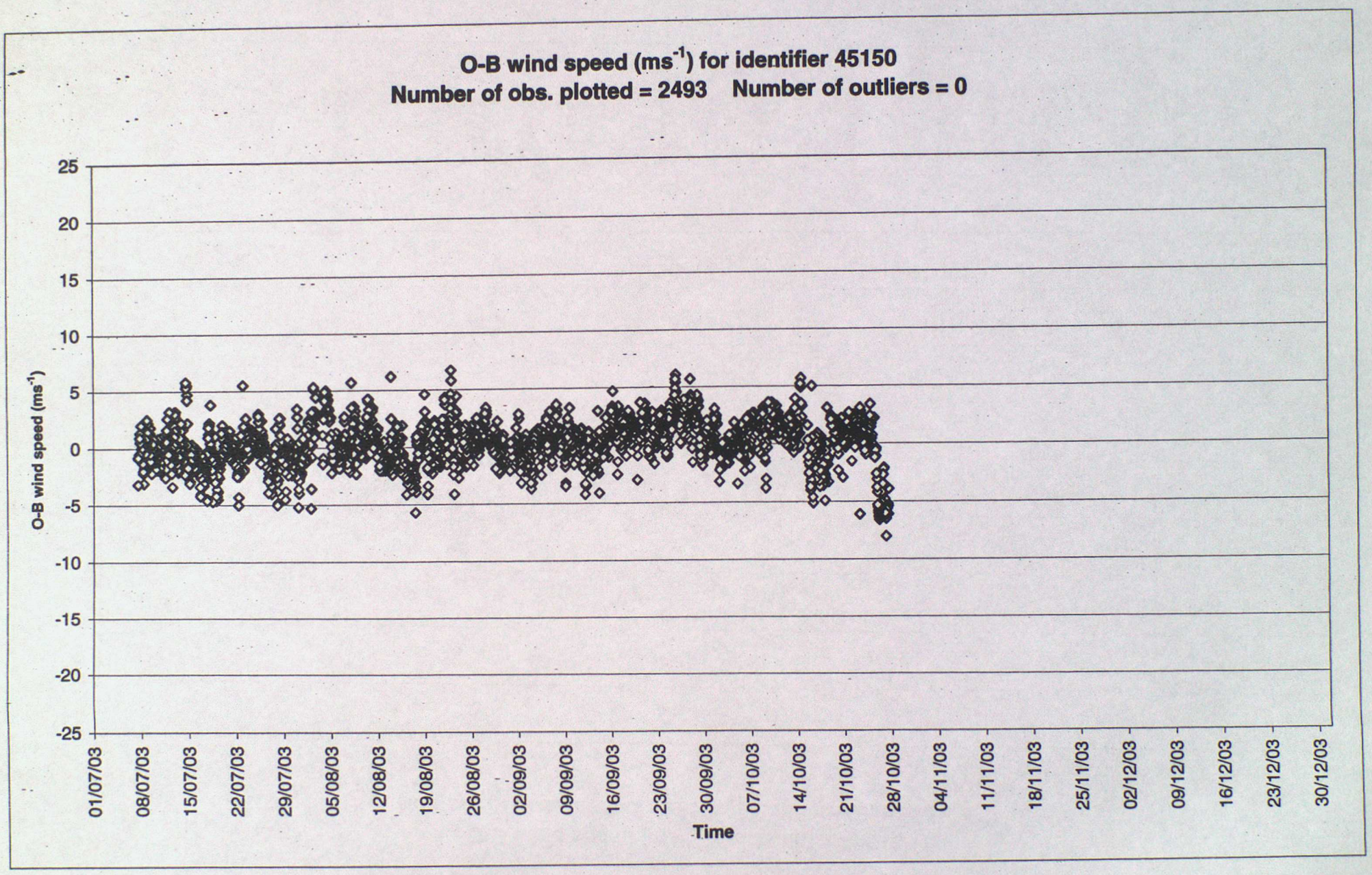

O-B wind speed (ms-1) for identifier 41913
Number of obs. plotted = 427 Number of outliers = 6
O-B wind speed (ms-1)
25
20
15
10
5
0
-5
-10
-15
-20
-25
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time

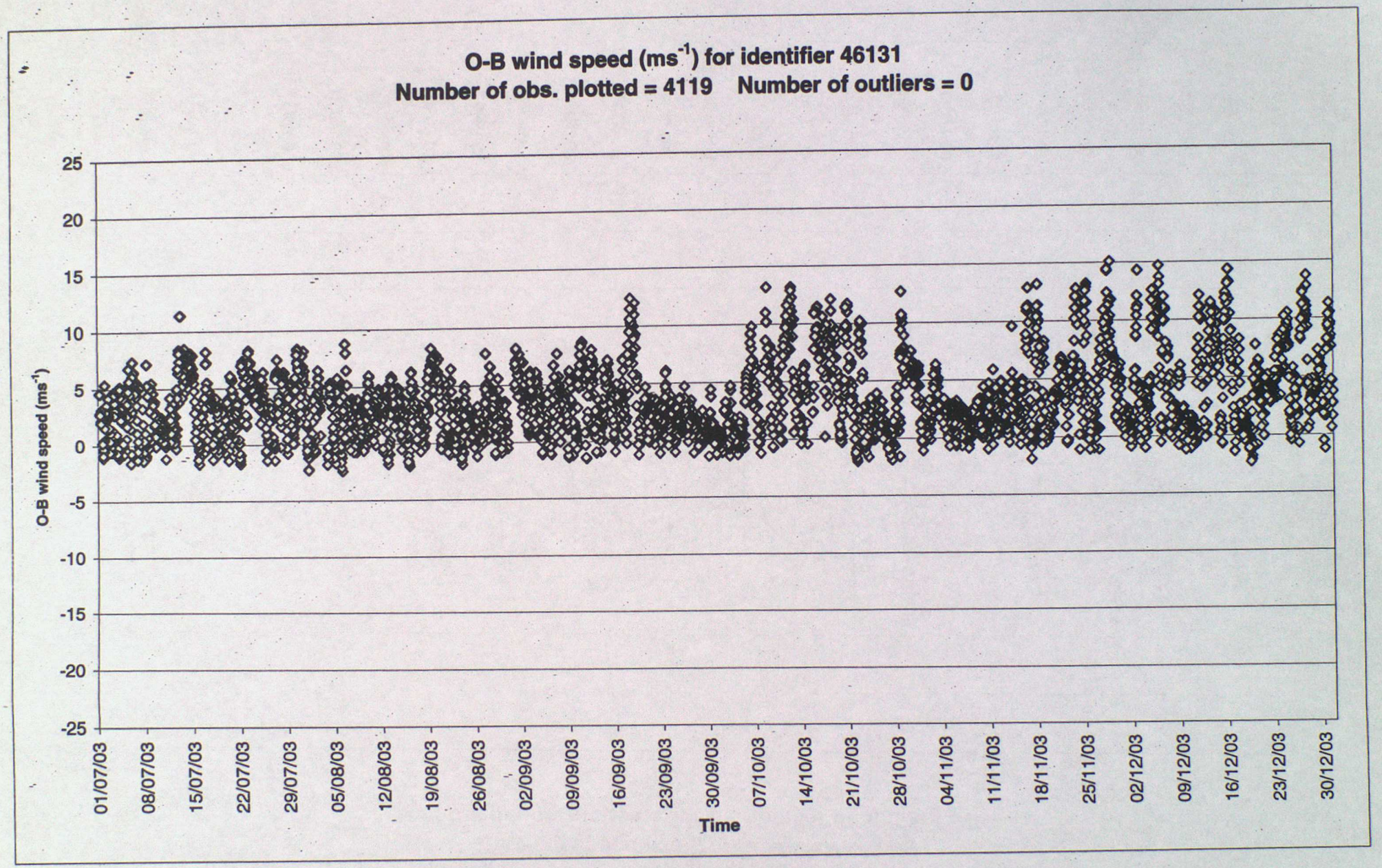

O-B wind speed (ms-1) for identifier 41916
Number of obs. plotted = 411 Number of outliers = 1
O-B wind speed (ms-1)
25
20
15
10
5
0
-5
-10
-15
-20
-25
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time

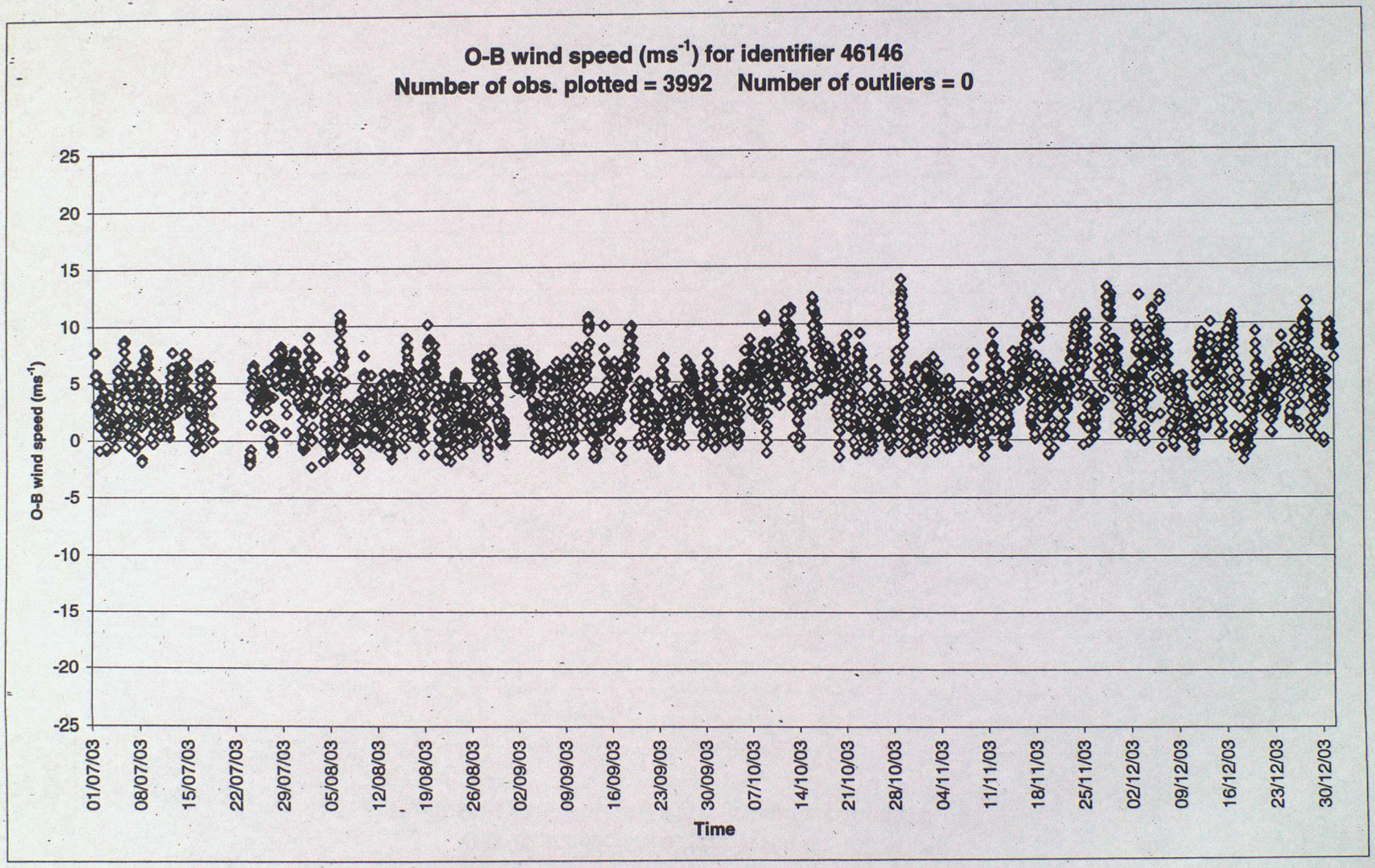

O-B wind speed (ms-1) for identifier 41917
Number of obs. plotted = 412 Number of outliers = 7
O-B wind speed (ms-1)
25
20
15
10
5
0
-5
-10
-15
-20
-25
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time

O-B wind speed (ms-1) for identifier 44601
Number of obs. plotted = 212 Number of outliers = 0
O-B wind speed (ms-1)
-25
-20
-15
-10
-5
0
5
10
15
20
25
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03

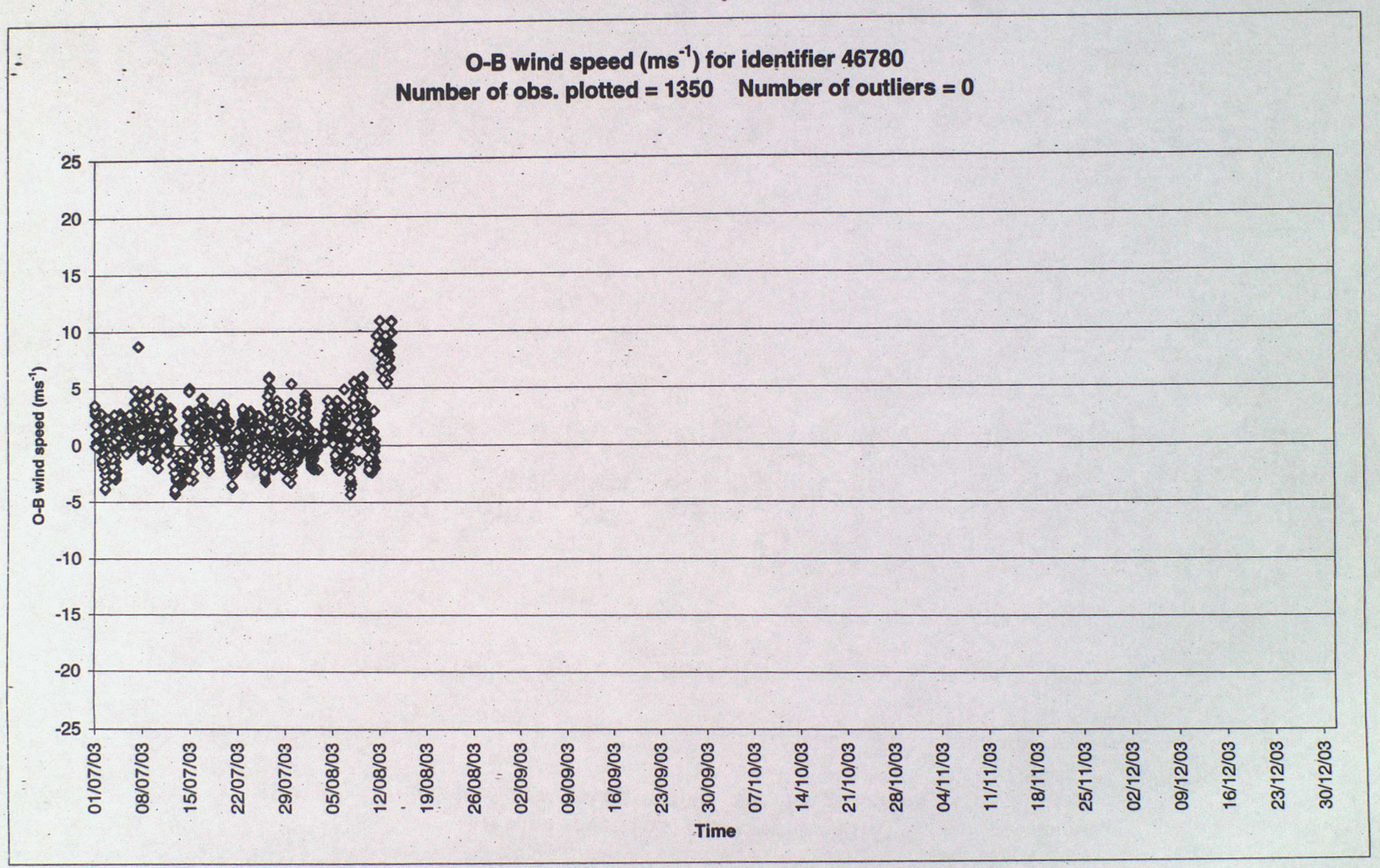

O-B wind speed (ms-1) for identifier 44615
Number of obs. plotted = 2850 Number of outliers = 4
O-B wind speed (ms-1)
25
20
15
10
5
0
-5
-10
-15
-20
-25
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time

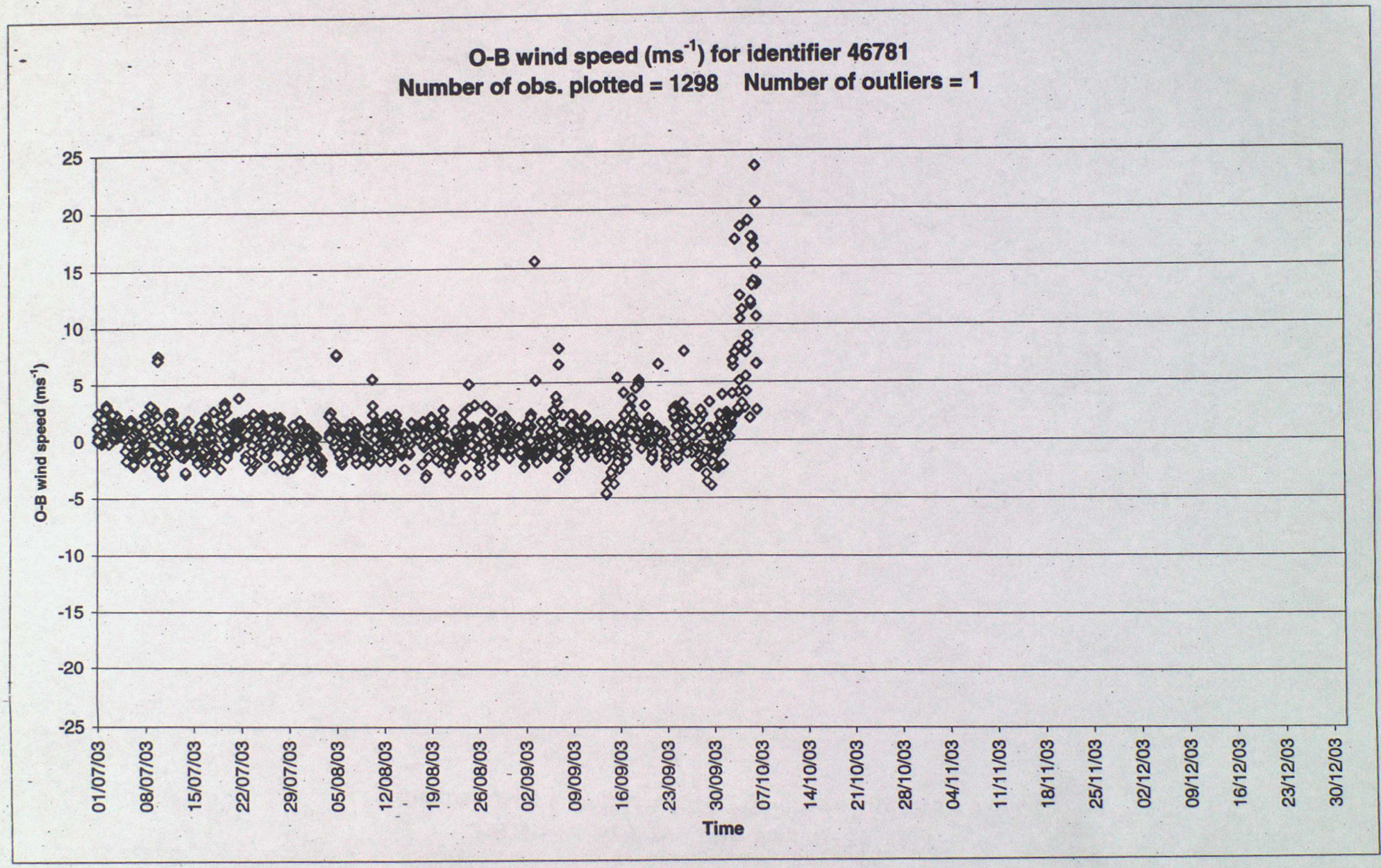

O-B wind speed (ms-1) for identifier 45150
Number of obs. plotted = 2493 Number of outliers = 0
O-B wind speed (ms-1)
25
20
15
10
5
0
-5
-10
-15
-20
-25
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time

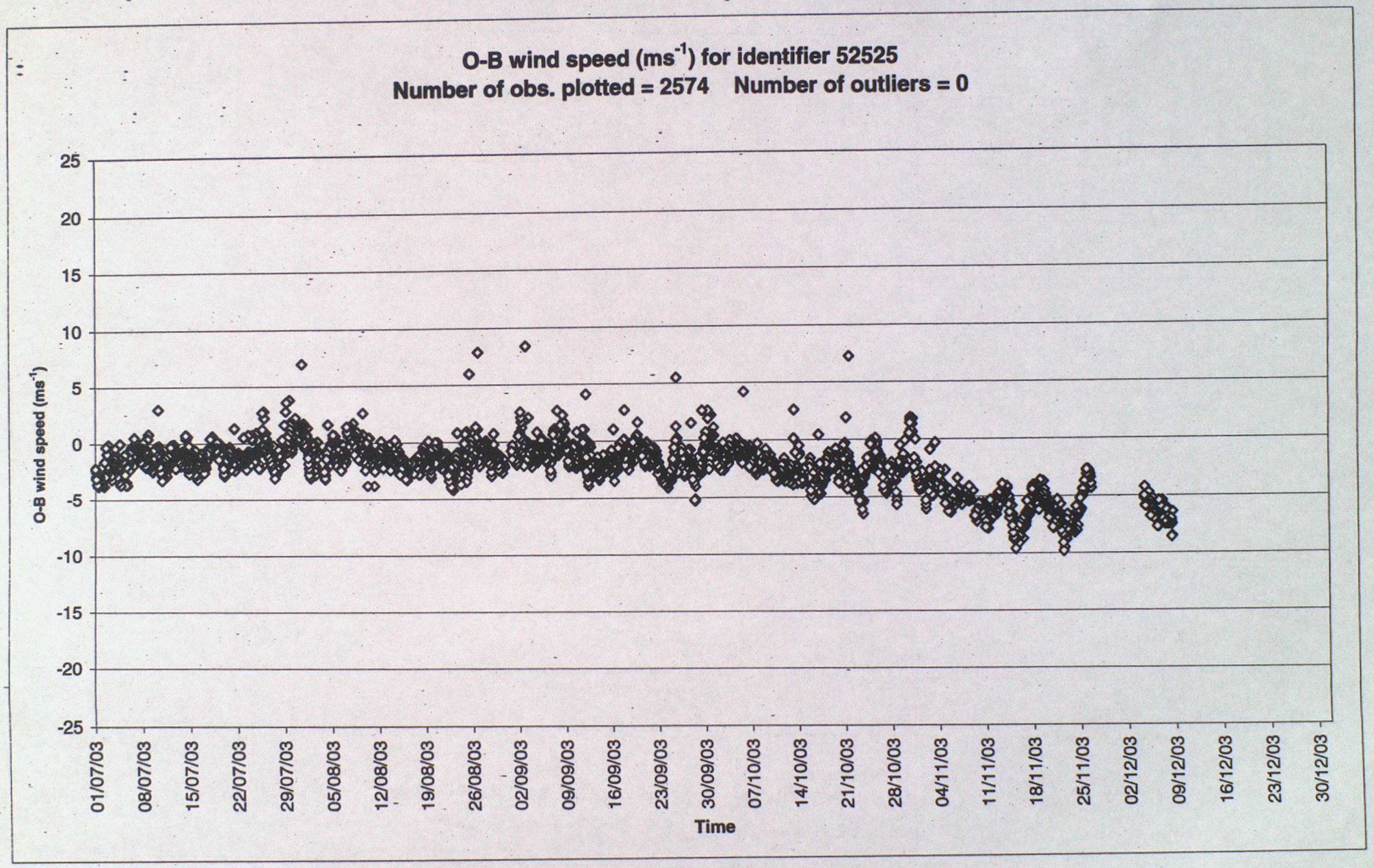

O-B wind speed (ms-1) for identifier 46131
Number of obs. plotted = 4119 Number of outliers = 0
O-B wind speed (ms-1)
25
20
15
10
5
0
-5
-10
-15
-20
-25
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time

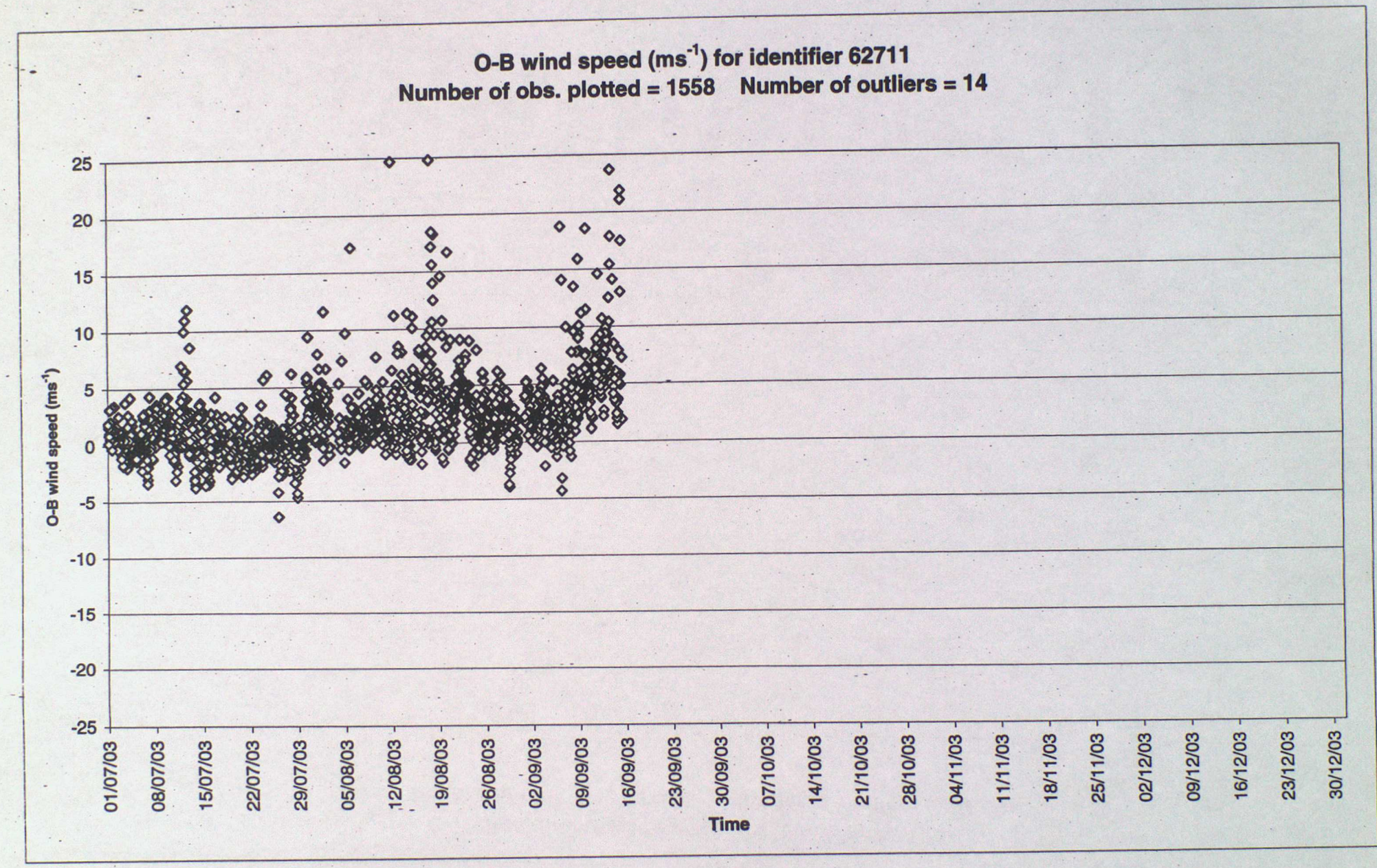

O-B wind speed (ms-1) for identifier 46146
Number of obs. plotted = 3992 Number of outliers = 0
O-B wind speed (ms-1)
25
20
15
10
5
0
-5
-10
-15
-20
-25
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time

O-B wind speed (ms-1) for identifier 46181
Number of obs. plotted = 4100 Number of outliers = 0
O-B wind speed (ms-1)
-25
-20
-15
-10
-5
0
5
10
15
20
25
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03


O-B wind speed (ms-1) for identifier 46780
Number of obs. plotted = 1350 Number of outliers = 0
O-B wind speed (ms-1)
25
20
15
10
5
0
-5
-10
-15
-20
-25
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time

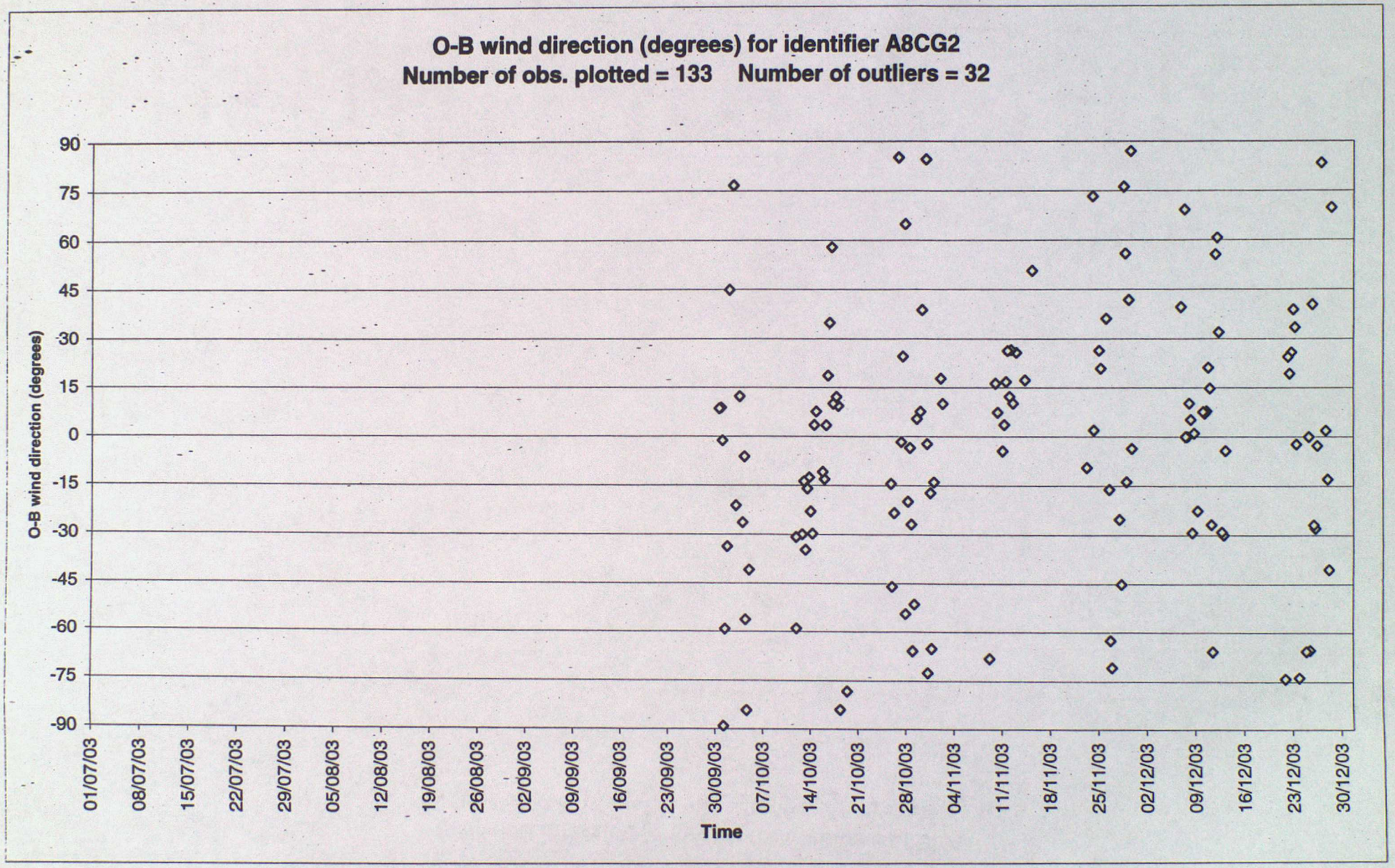

O-B wind speed (ms-1) for identifier 46781
Number of obs. plotted = 1298 Number of outliers = 1
O-B wind speed (ms-1)
25
20
15
10
5
0
-5
-10
-15
-20
-25
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time


O-B wind speed (ms-1) for identifier 52525
Number of obs. plotted = 2574 Number of outliers = 0
O-B wind speed (ms-1)
25
20
15
10
5
0
-5
-10
-15
-20
-25
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time

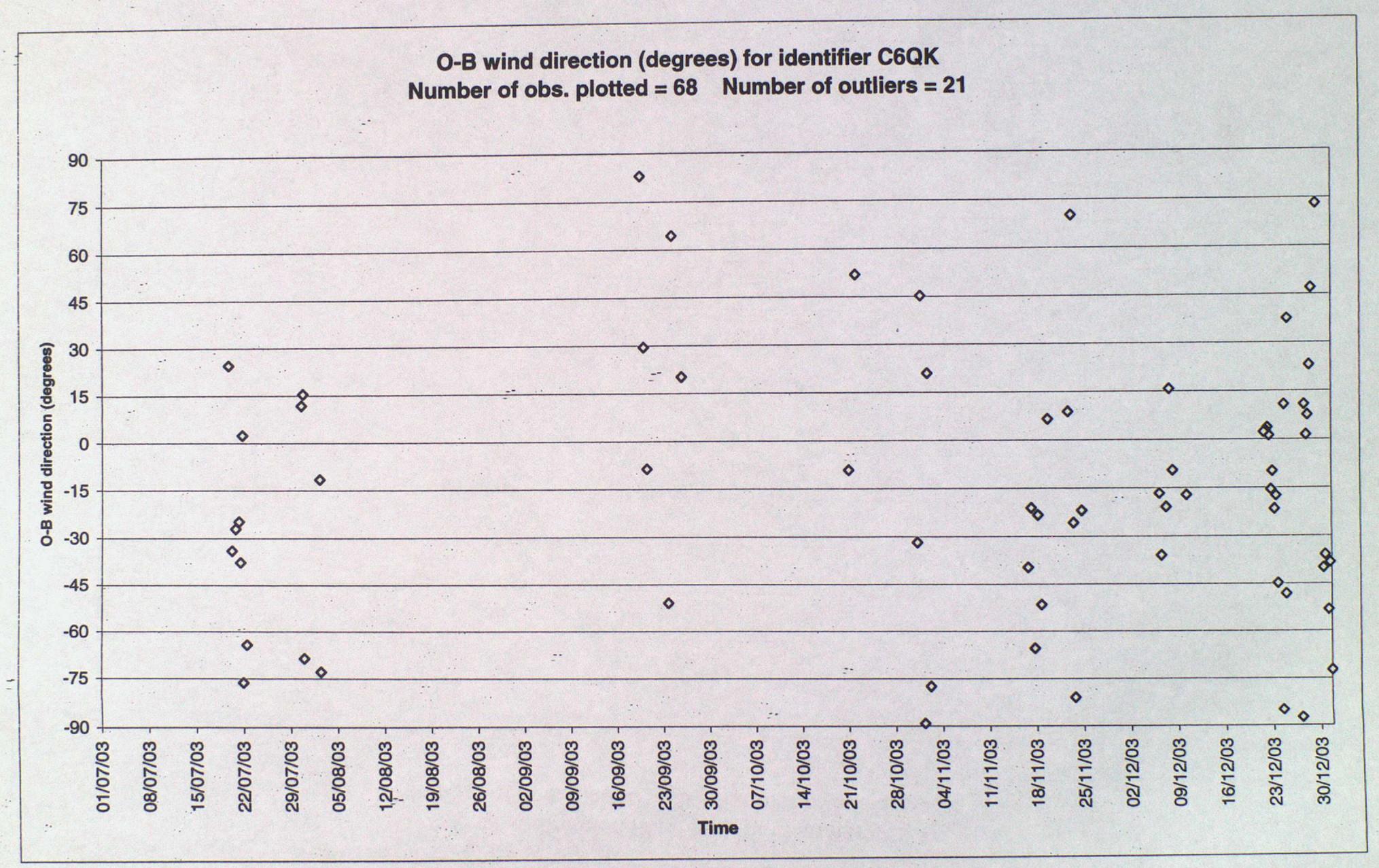

O-B wind speed (ms-1) for identifier 62711
Number of obs. plotted = 1558 Number of outliers = 14
O-B wind speed (ms-1)
25
20
15
10
5
0
-5
-10
-15
-20
-25
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time

O-B wind direction (degrees) for identifier A8AX4
Number of obs. plotted = 66 Number of outliers = 20
O-B wind direction (degrees)
-90
-75
-60
-45
-30
-15
0
15
30
45
60
75
90
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03

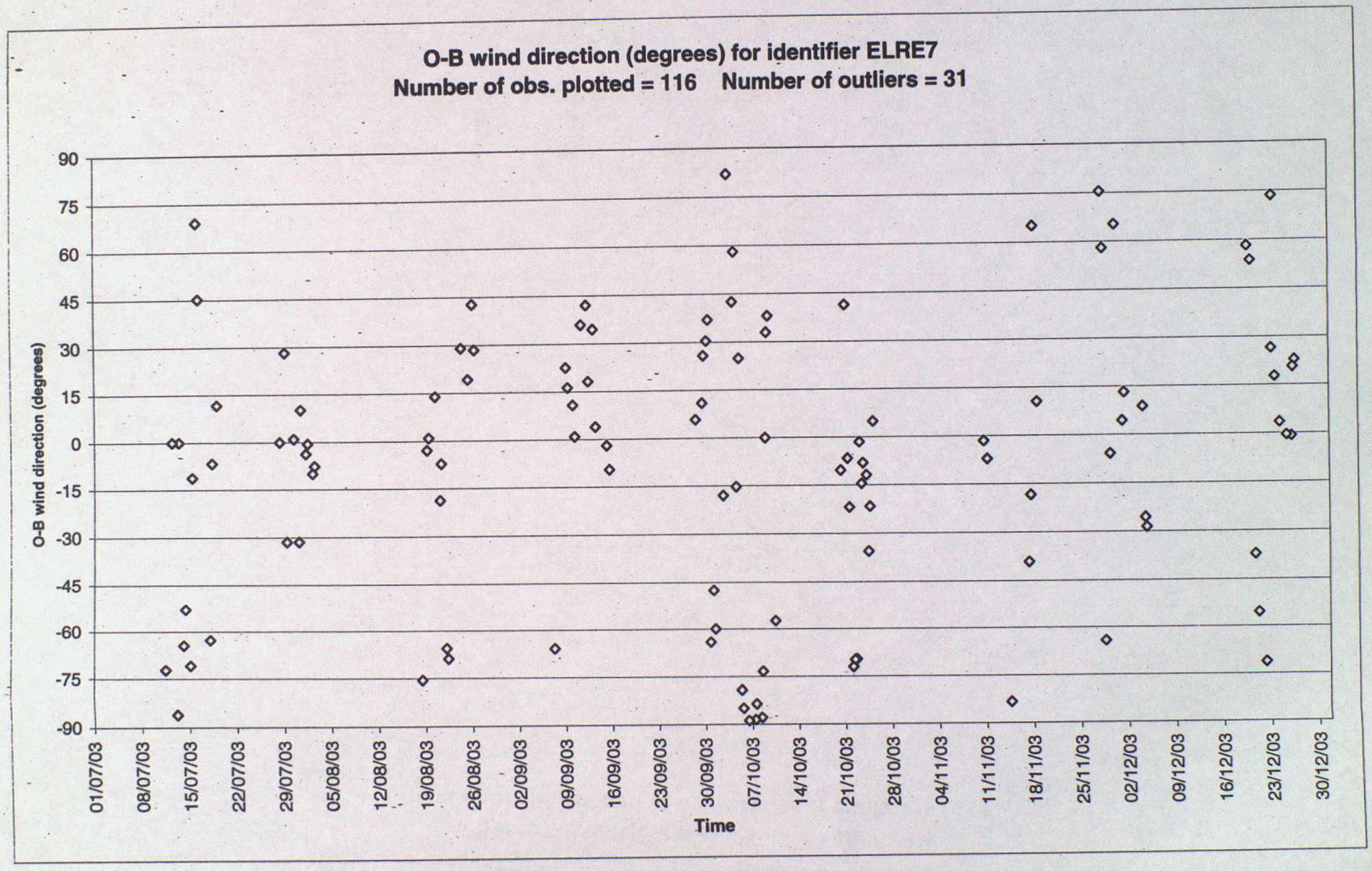
O-B wind direction (degrees) for identifier A8BK9
Number of obs. plotted = 98 Number of outliers = 26
O-B wind direction (degrees)
-90
-75
-60
-45
-30
-15
0
15
30
45
60
75
90
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03

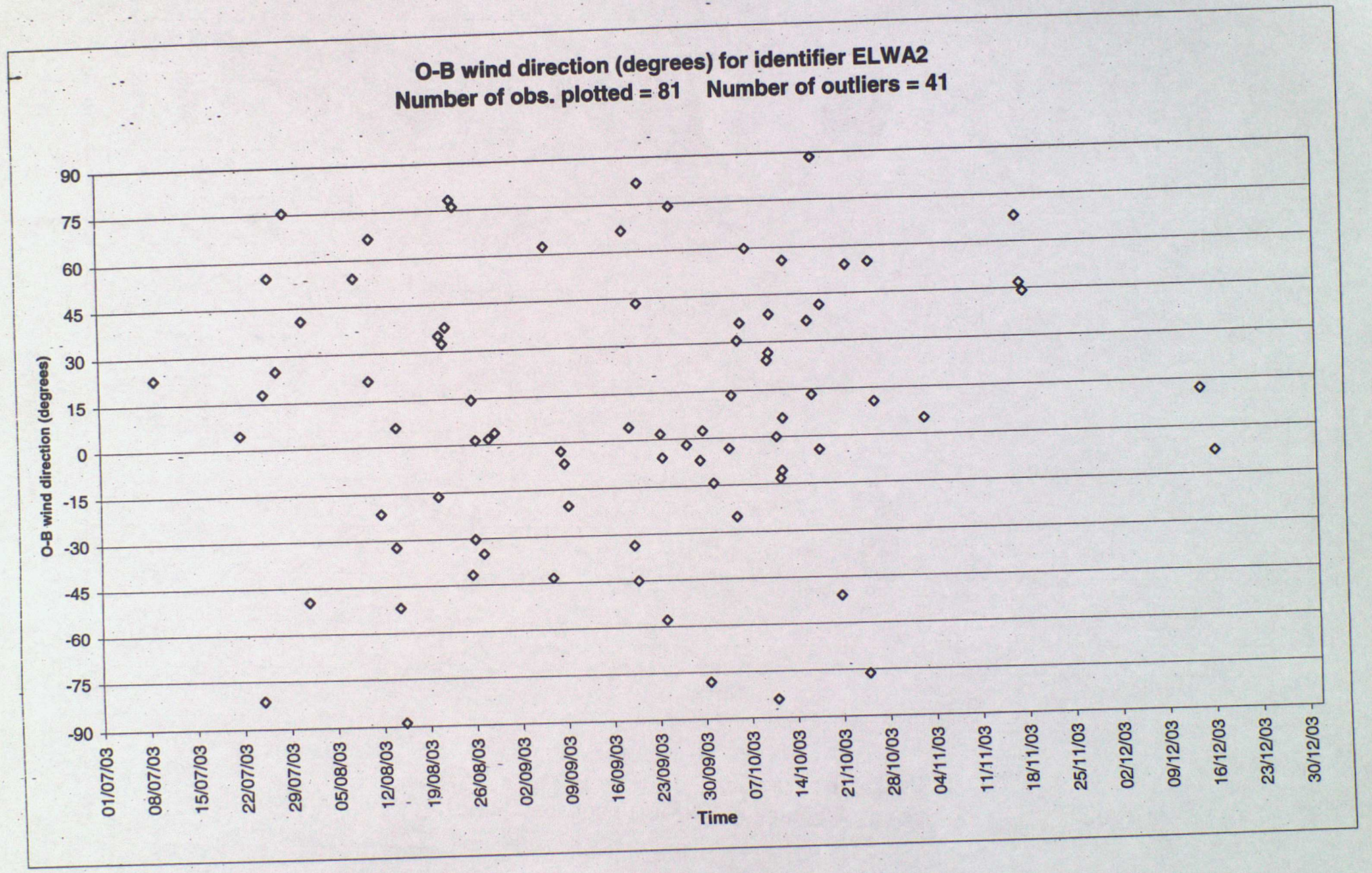

O-B wind direction (degrees) for identifier A8CG2
Number of obs. plotted = 133 Number of outliers = 32
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time

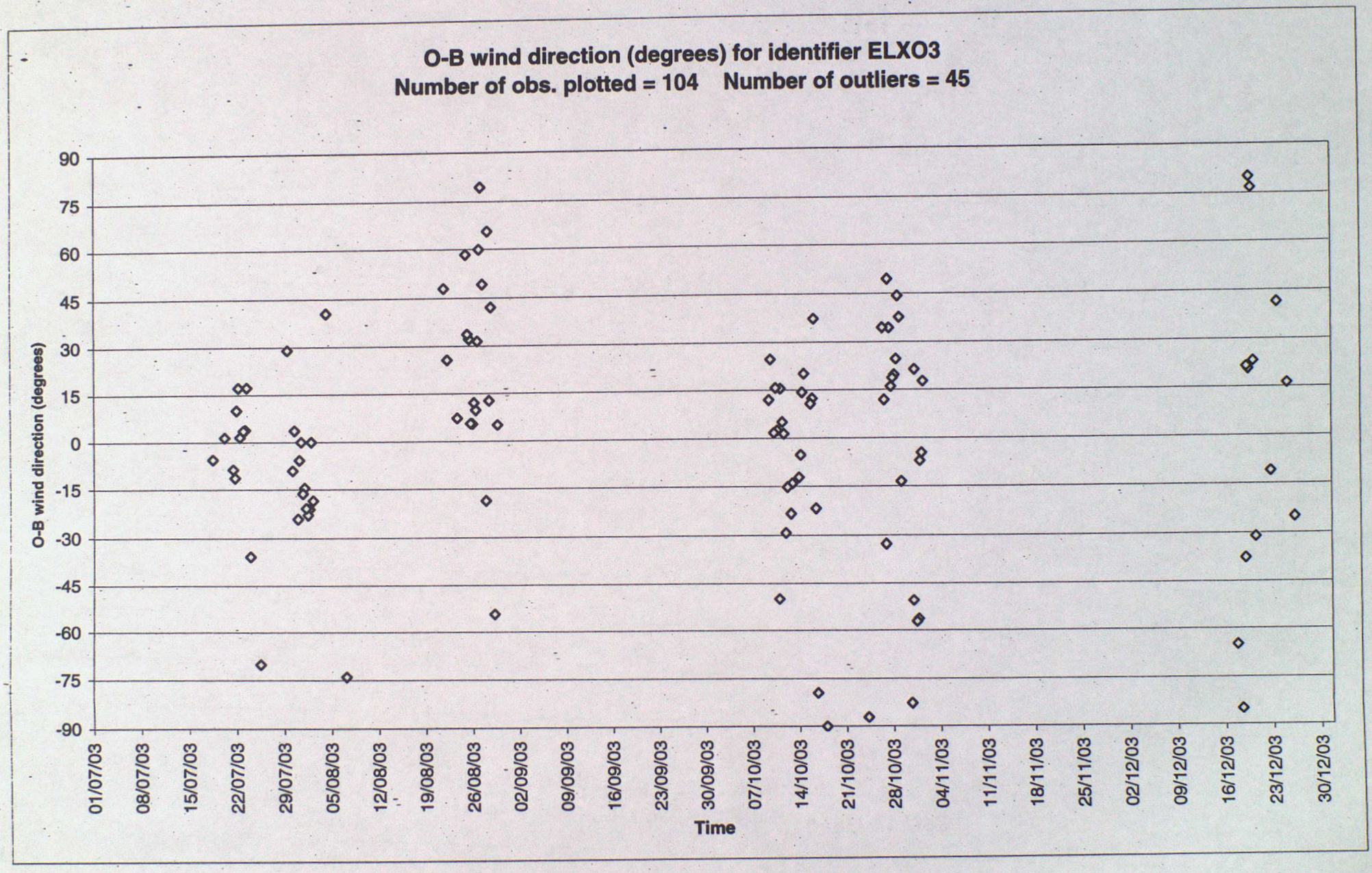
O-B wind direction (degrees) for identifier C6IZ7
Number of obs. plotted = 88 Number of outliers = 36
O-B wind direction (degrees)
-90
-75
-60
-45
-30
-15
0
15
30
45
60
75
90
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03

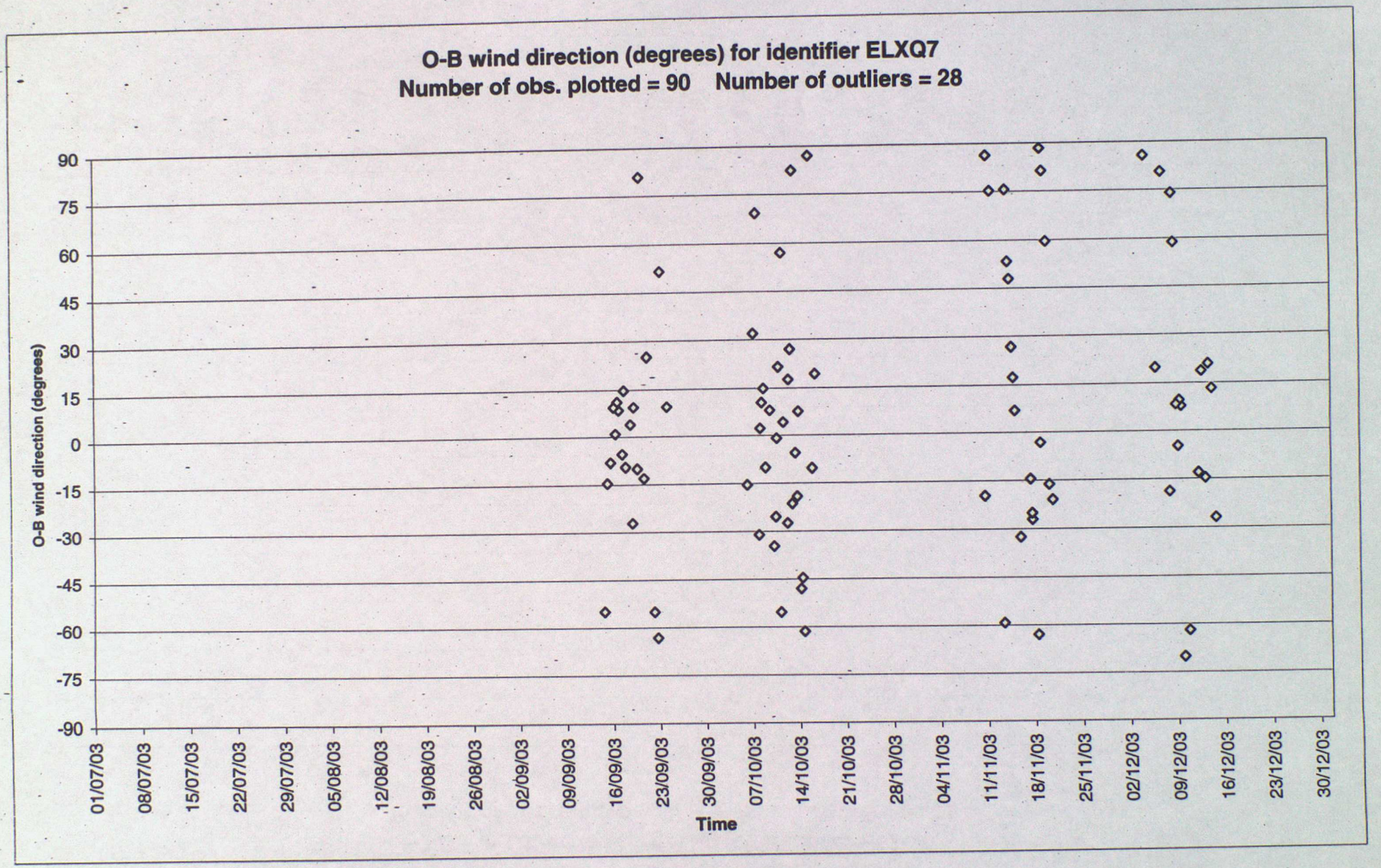

O-B wind direction (degrees) for identifier C6QK
Number of obs. plotted = 68 Number of outliers = 21
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time

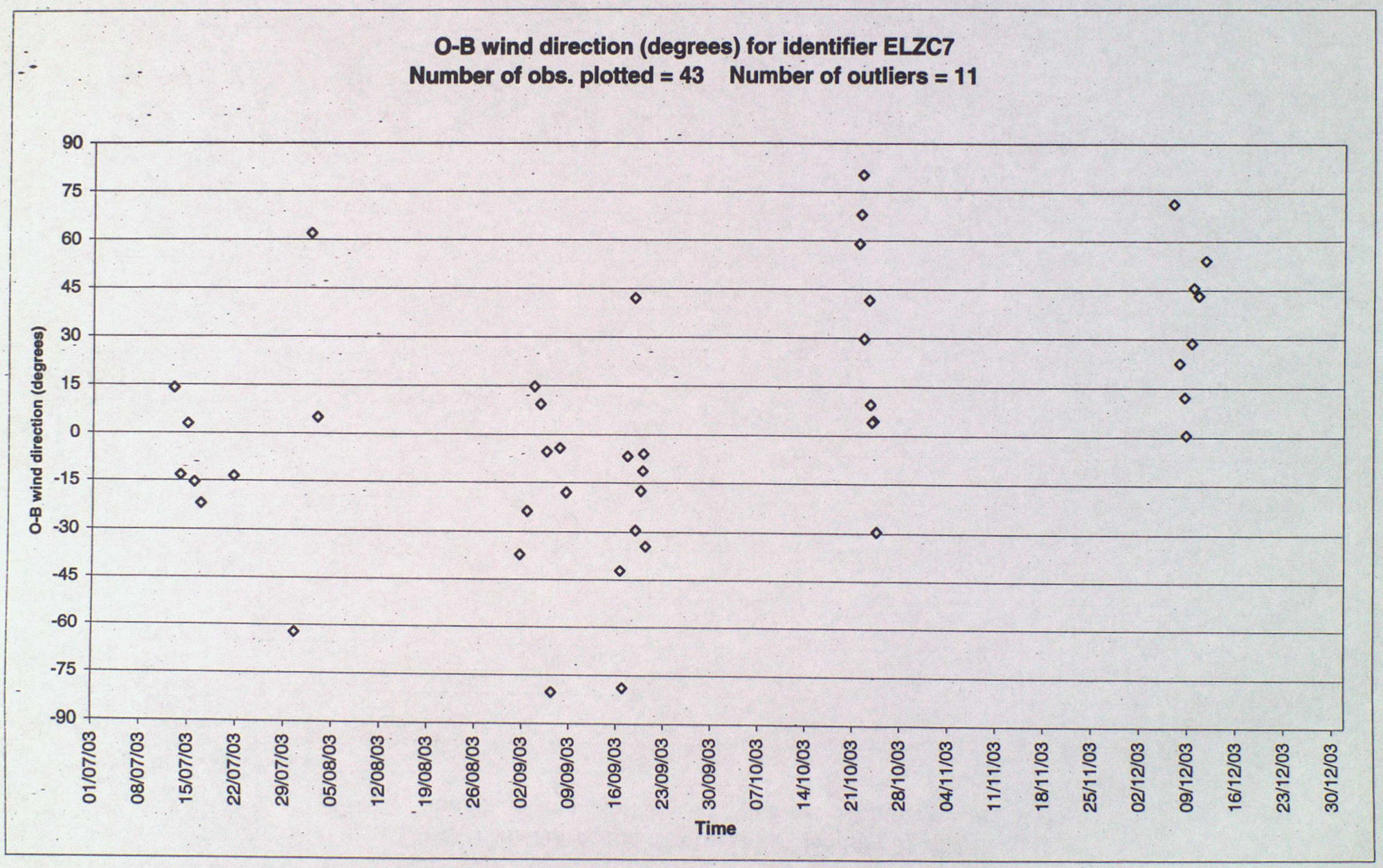
O-B wind direction (degrees) for identifier C6RI4
Number of obs. plotted = 52 Number of outliers = 10
O-B wind direction (degrees)
-90
-75
-60
-45
-30
-15
0
15
30
45
60
75
90
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03


O-B wind direction (degrees) for identifier ELRE7
Number of obs. plotted = 116 Number of outliers = 31
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time

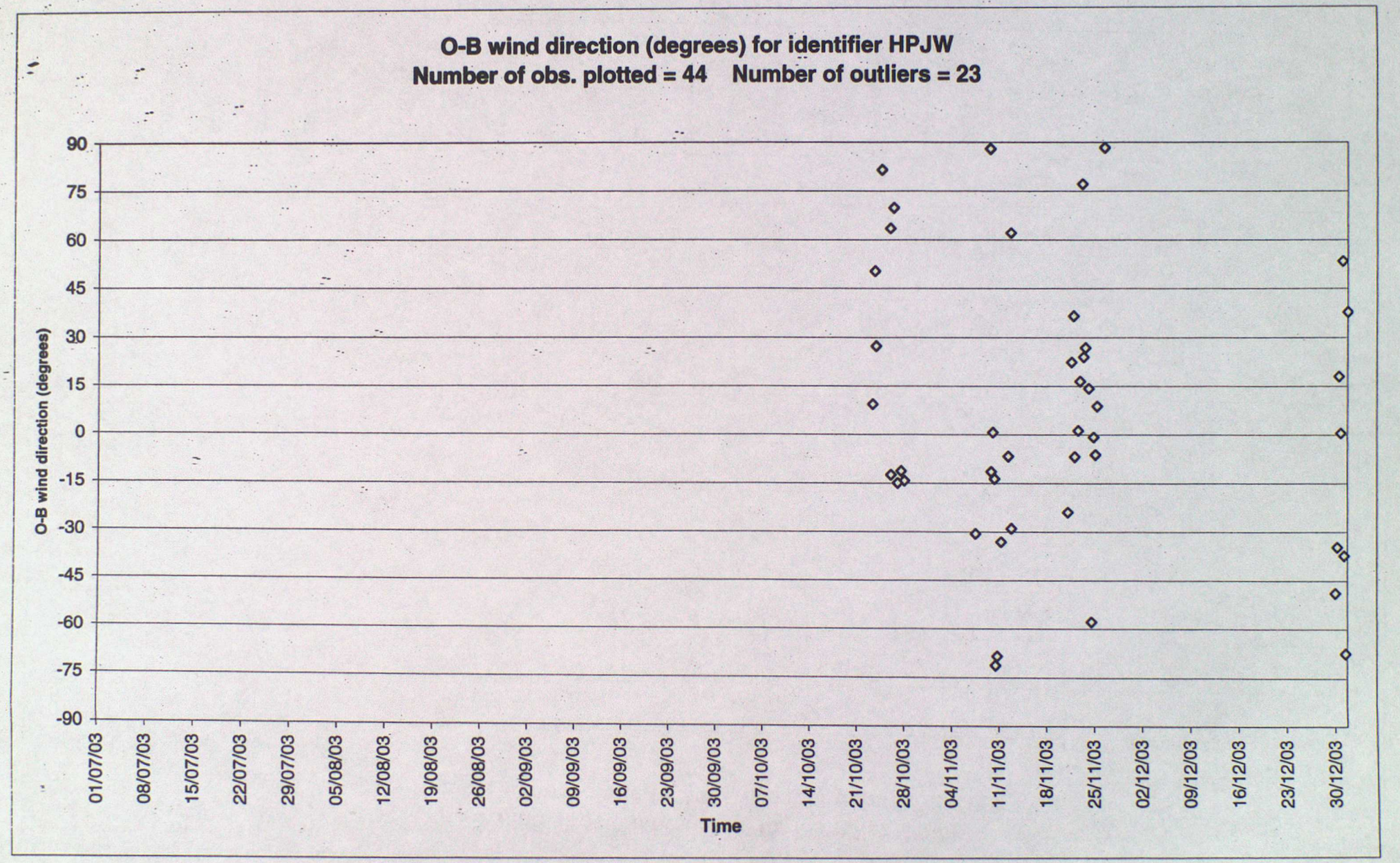

O-B wind direction (degrees) for identifier ELWA2
Number of obs. plotted = 81 Number of outliers = 41
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time


O-B wind direction (degrees) for identifier ELXO3
Number of obs. plotted = 104 Number of outliers = 45
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time

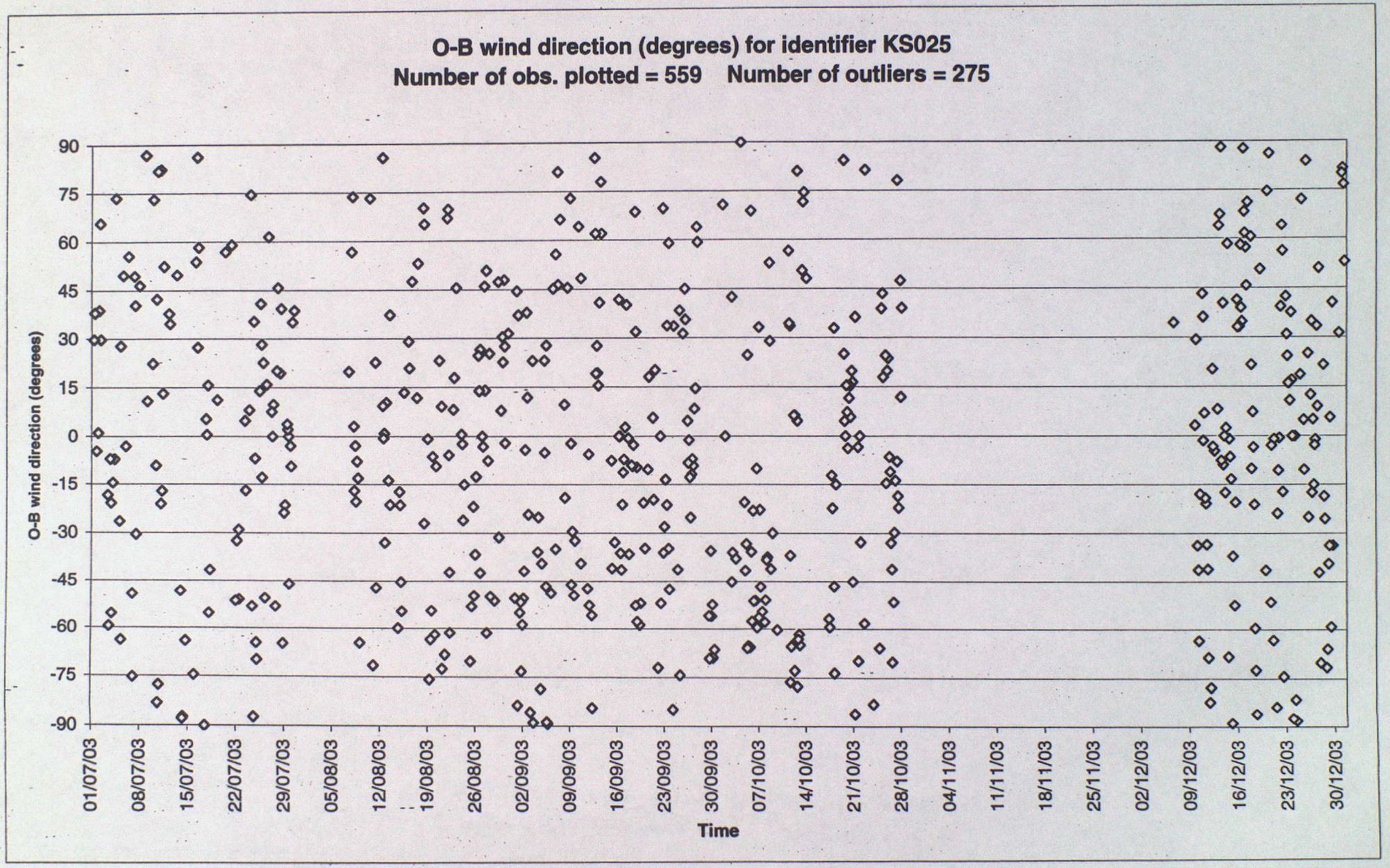

O-B wind direction (degrees) for identifier ELXQ7
Number of obs. plotted = 90 Number of outliers = 28
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time

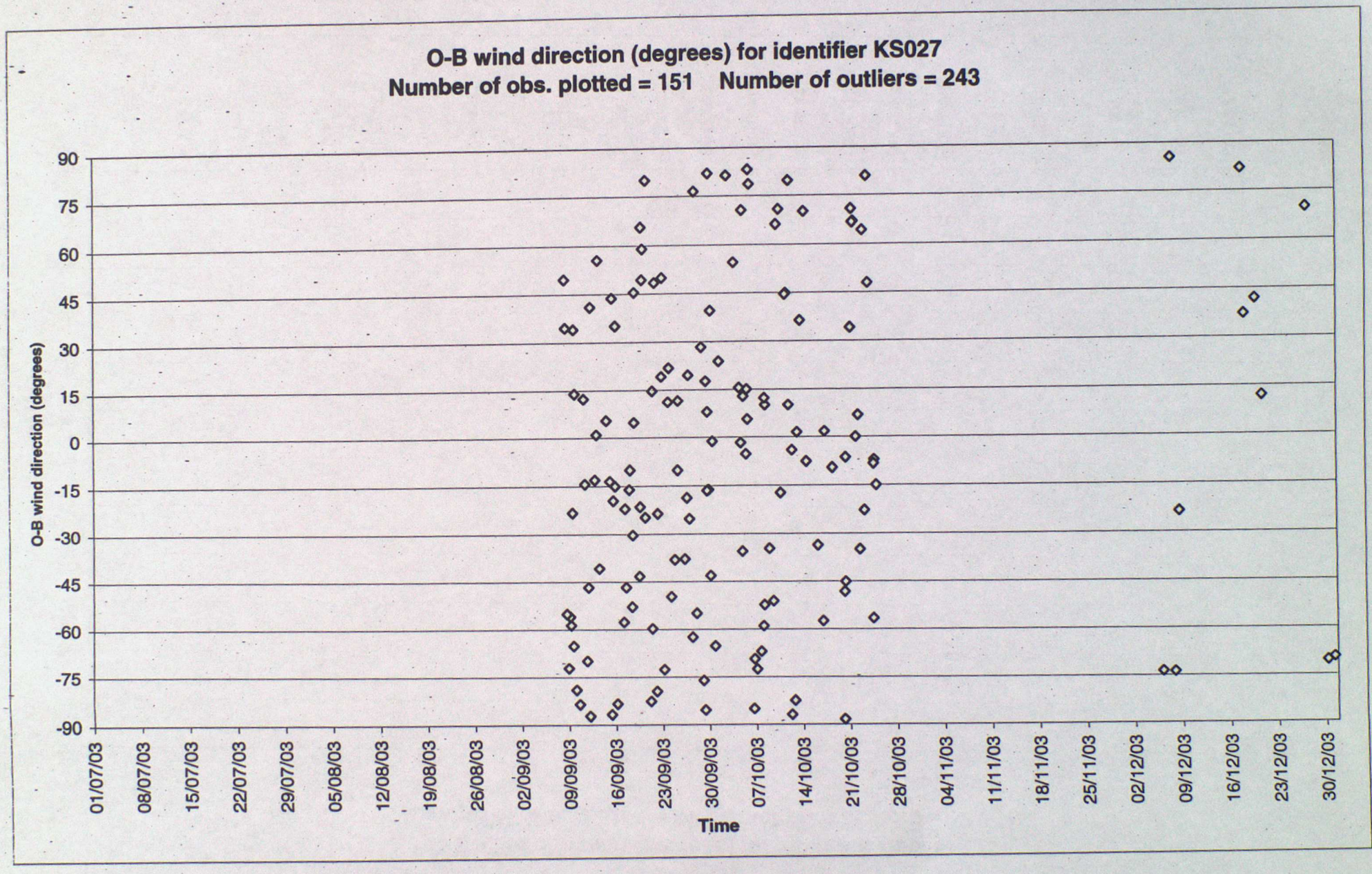

O-B wind direction (degrees) for identifier ELZC7
Number of obs. plotted = 43 Number of outliers = 11
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time

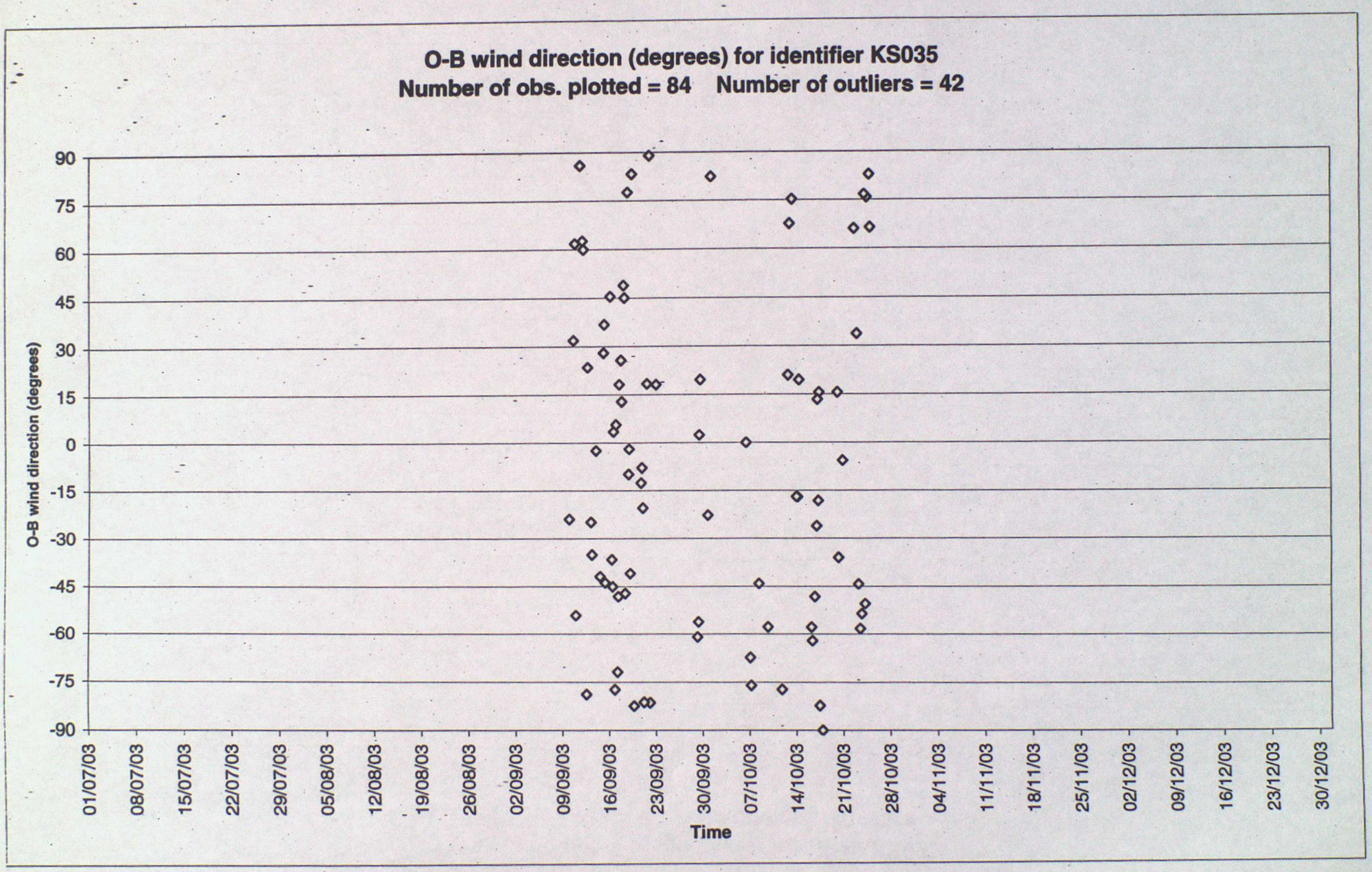
O-B wind direction (degrees) for identifier GQVJ
Number of obs. plotted = 147 Number of outliers = 60
O-B wind direction (degrees)
-90
-75
-60
-45
-30
-15
0
15
30
45
60
75
90
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03

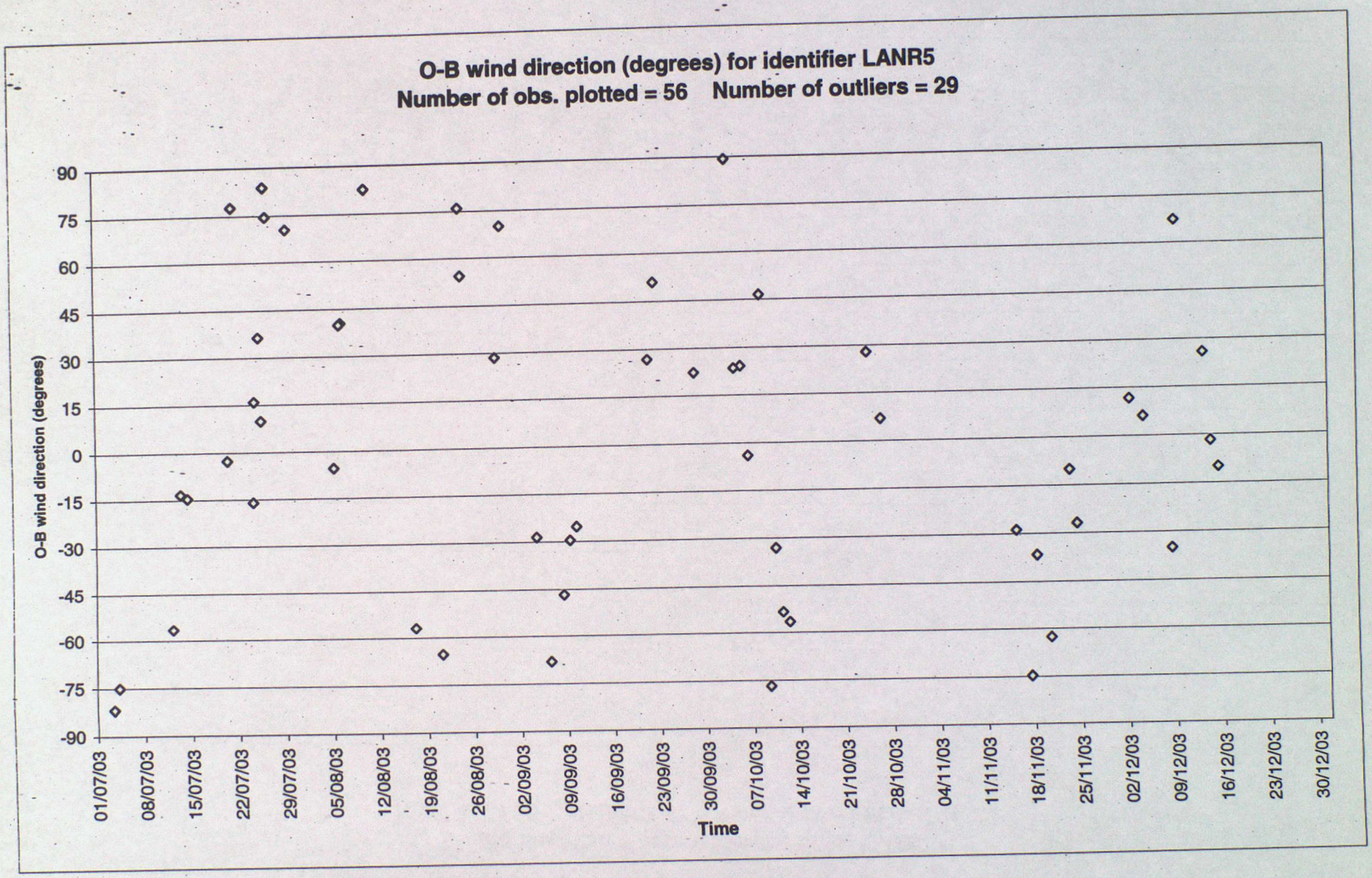

O-B wind direction (degrees) for identifier HPJW
Number of obs. plotted = 44 Number of outliers = 23
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time

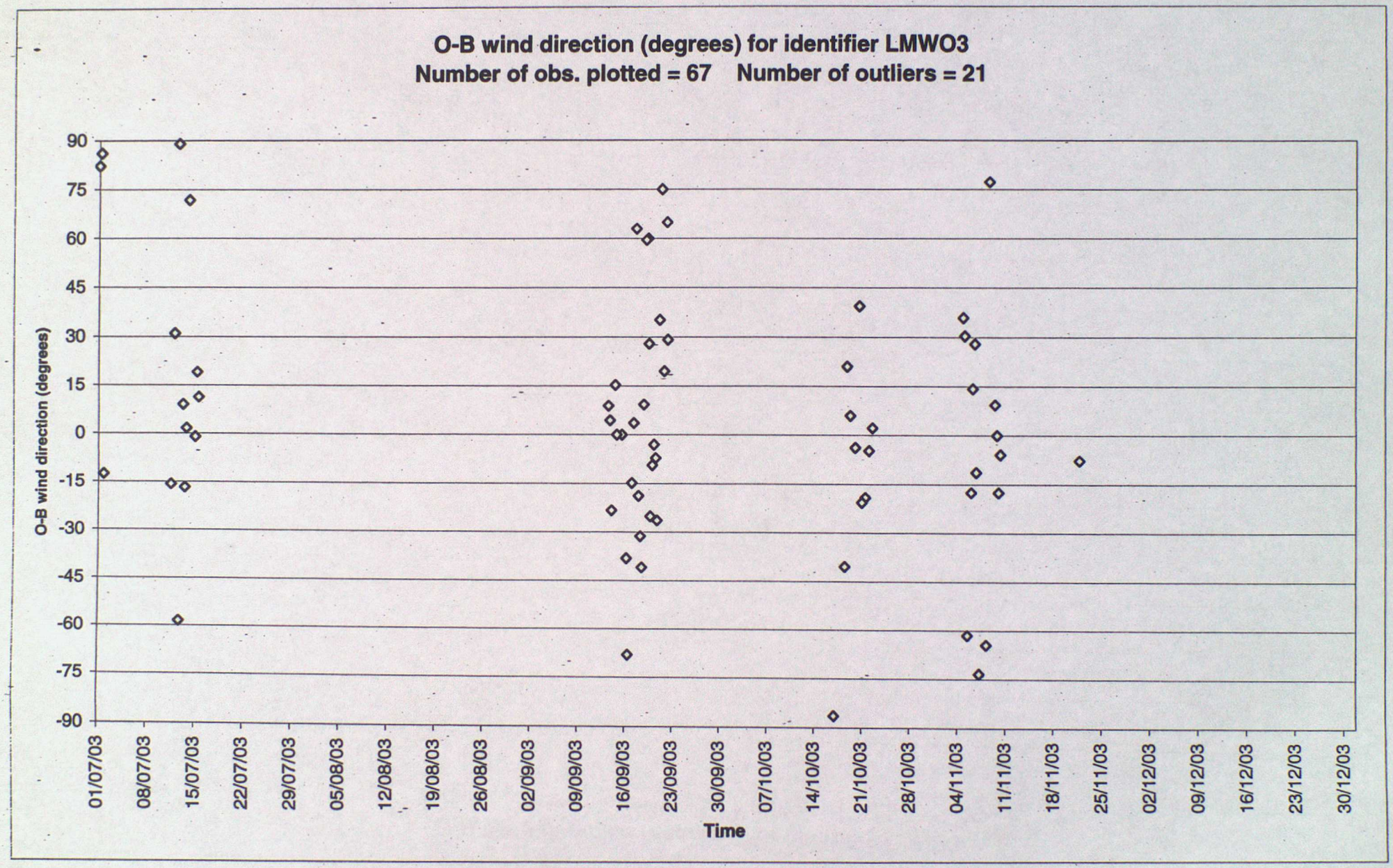
O-B wind direction (degrees) for identifier H900
Number of obs. plotted = 126 Number of outliers = 37
O-B wind direction (degrees)
-90
-75
-60
-45
-30
-15
0
15
30
45
60
75
90
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03

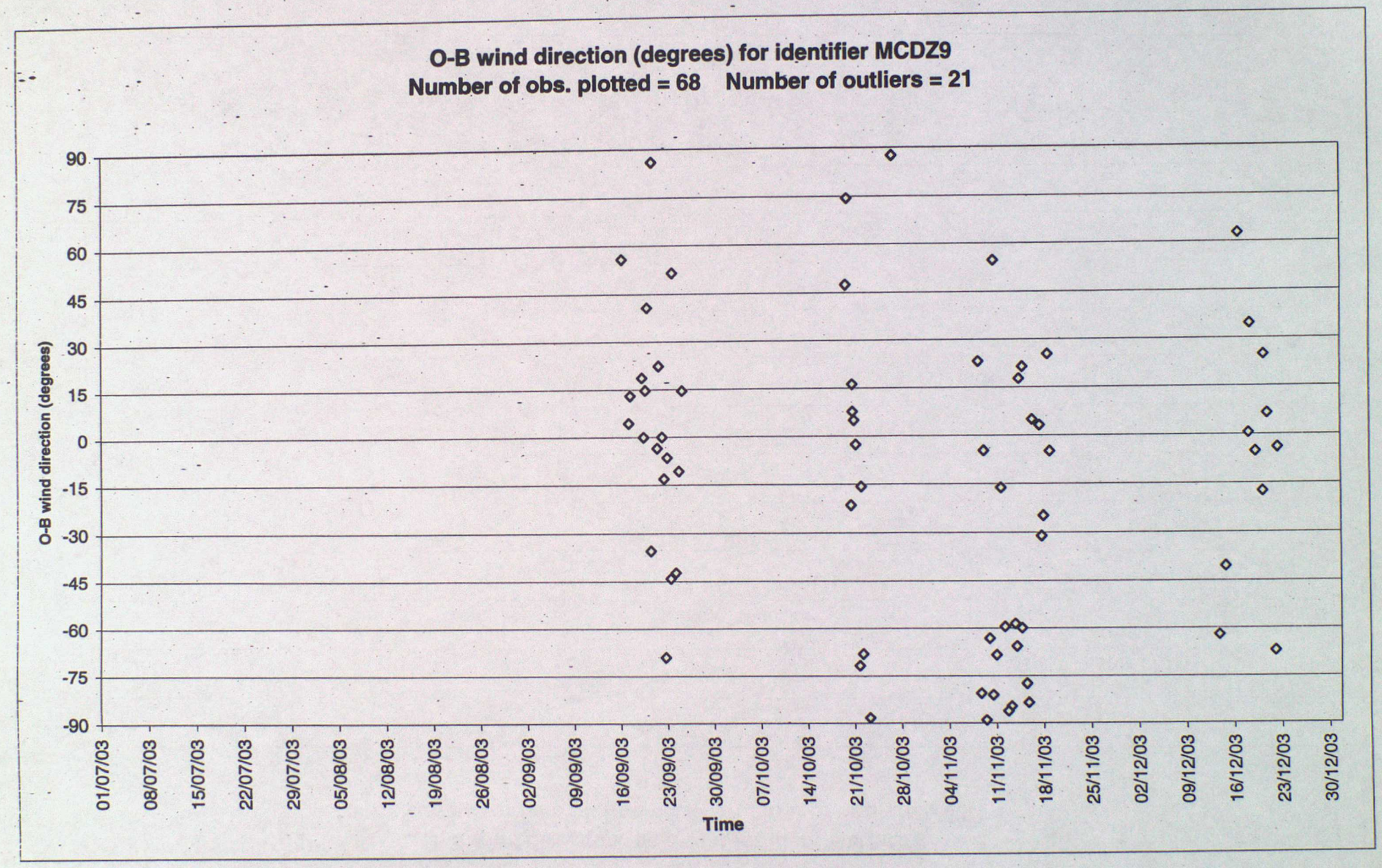

O-B wind direction (degrees) for identifier KS025
Number of obs. plotted = 559 Number of outliers = 275
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time

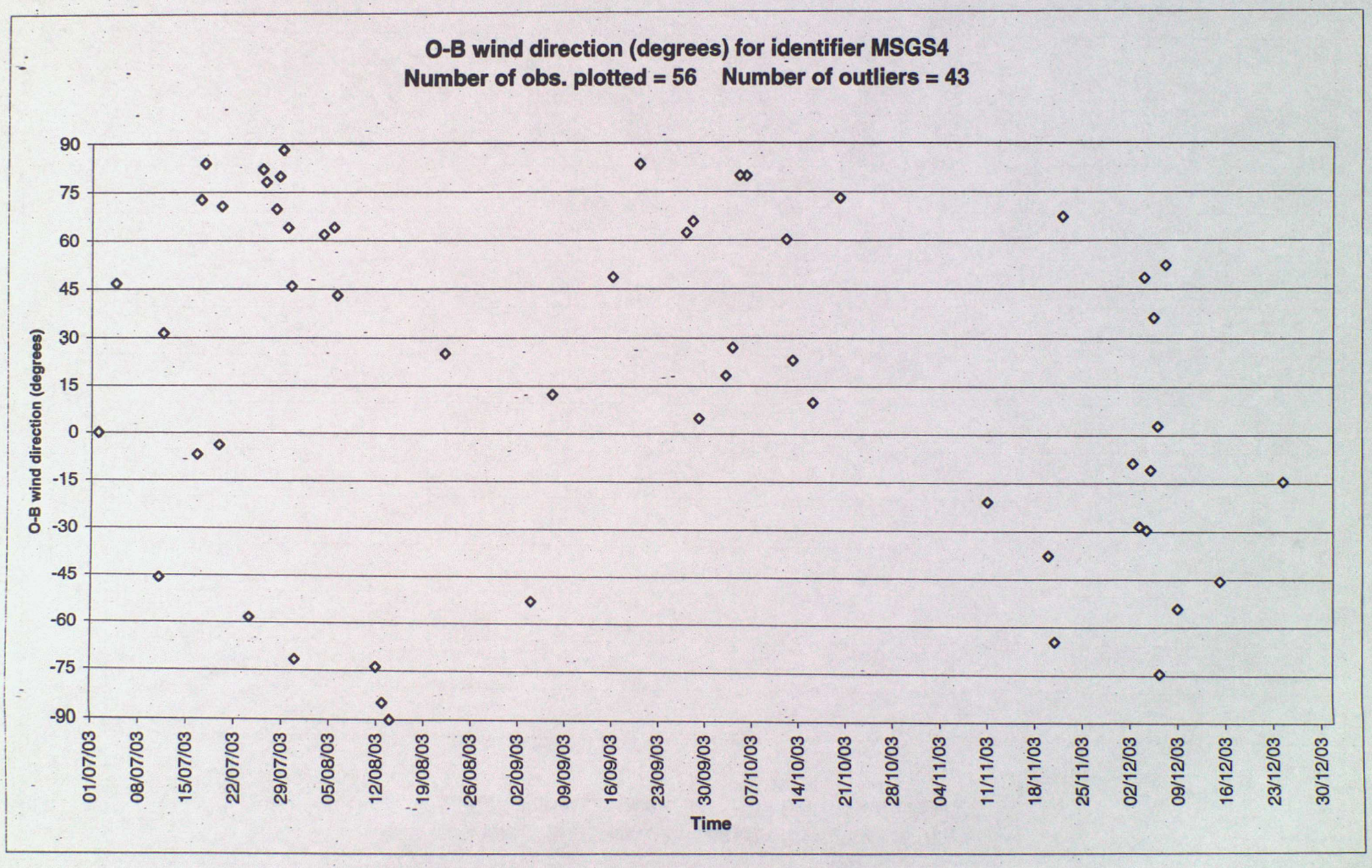

O-B wind direction (degrees) for identifier KS027
Number of obs. plotted = 151 Number of outliers = 243
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time


O-B wind direction (degrees) for identifier KS035
Number of obs. plotted = 84 Number of outliers = 42
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time


O-B wind direction (degrees) for identifier LANR5
Number of obs. plotted = 56 Number of outliers = 29
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time

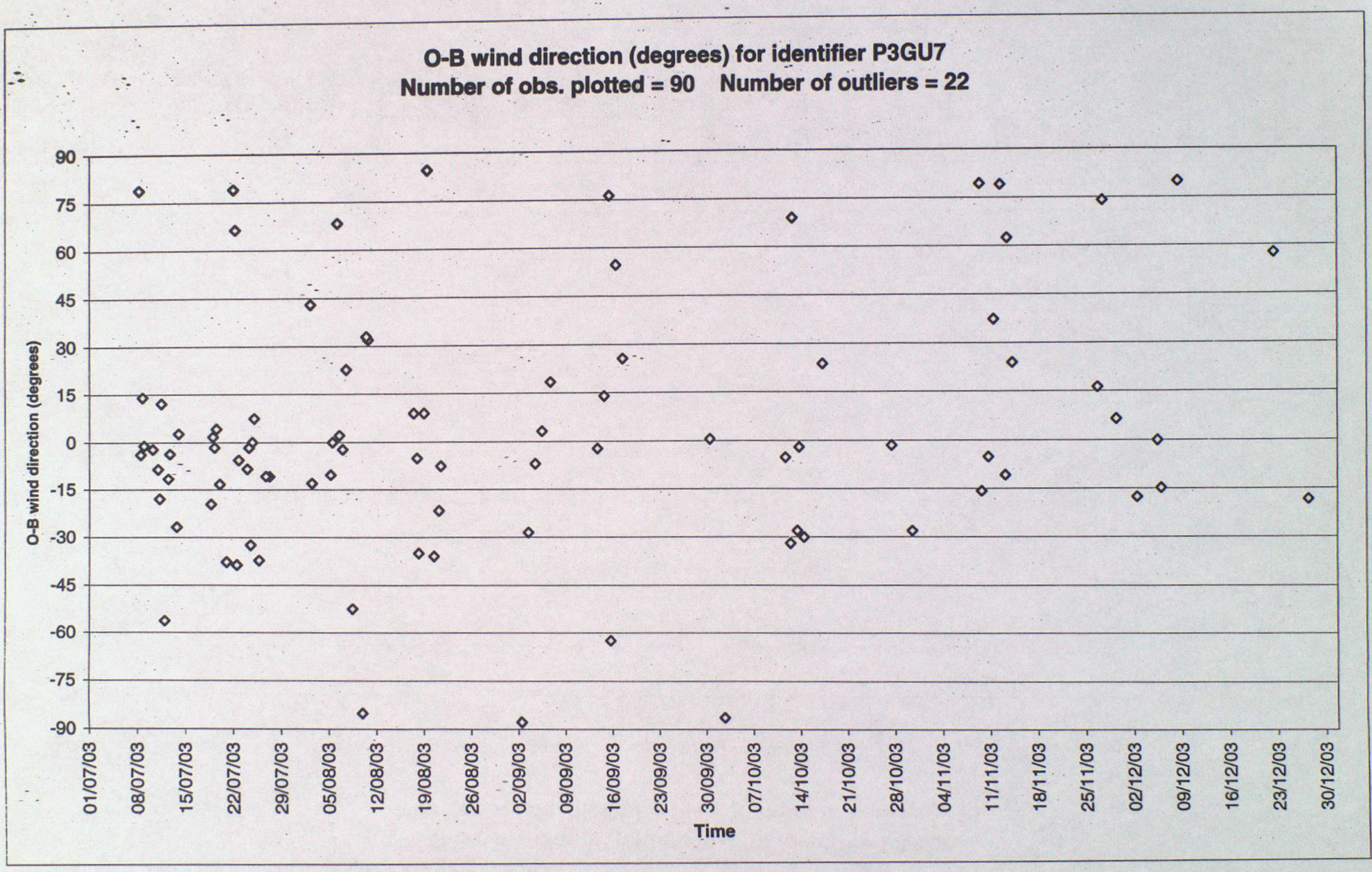

O-B wind direction (degrees) for identifier LMWO3
Number of obs. plotted = 67 Number of outliers = 21
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time

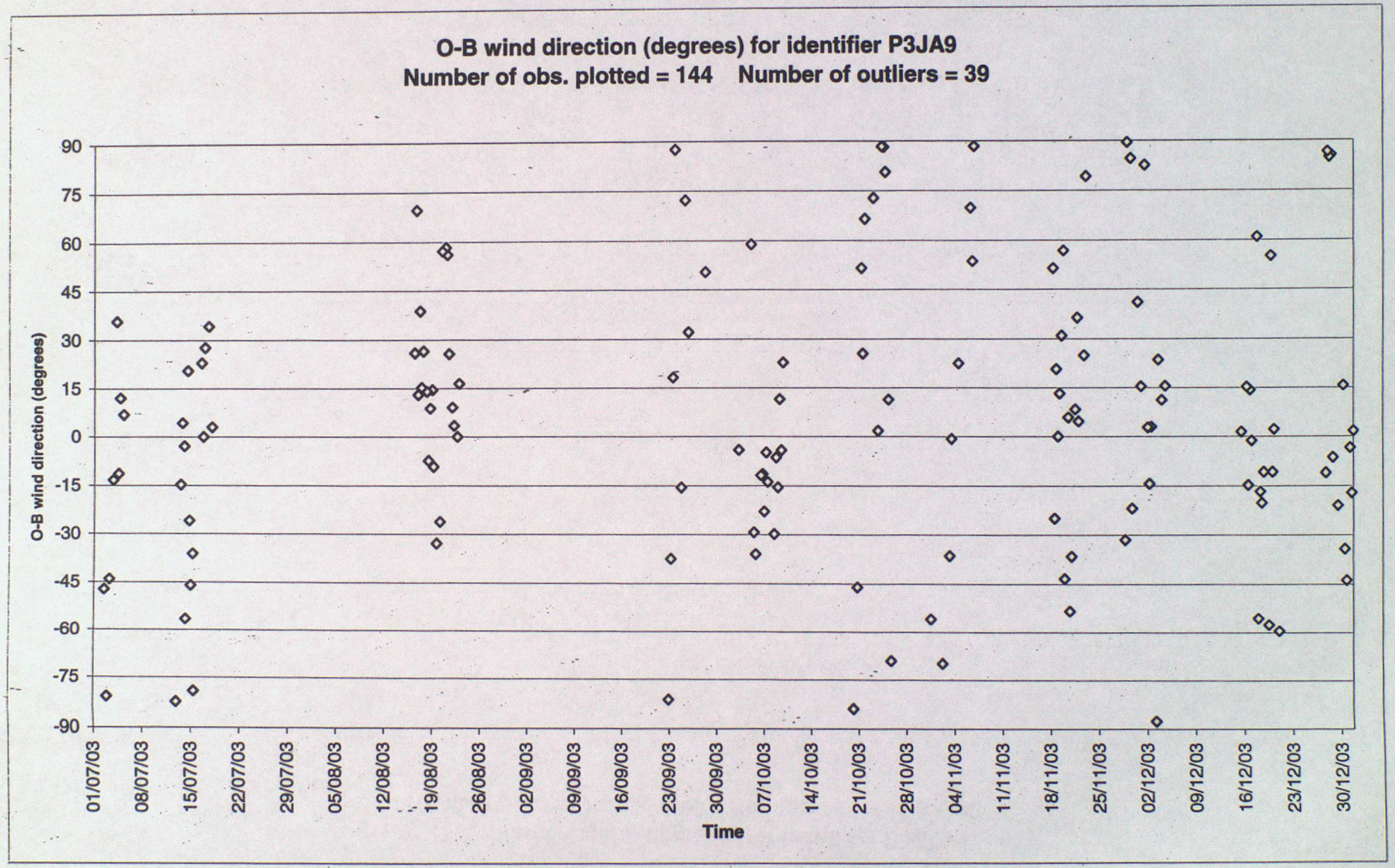

O-B wind direction (degrees) for identifier MCDZ9
Number of obs. plotted = 68 Number of outliers = 21
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time


O-B wind direction (degrees) for identifier MSGS4
Number of obs. plotted = 56 Number of outliers = 43
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time

O-B wind direction (degrees) for identifier PBHT
Number of obs. plotted = 115 Number of outliers = 32
O-B wind direction (degrees)
-90
-75
-60
-45
-30
-15
0
15
30
45
60
75
90
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03

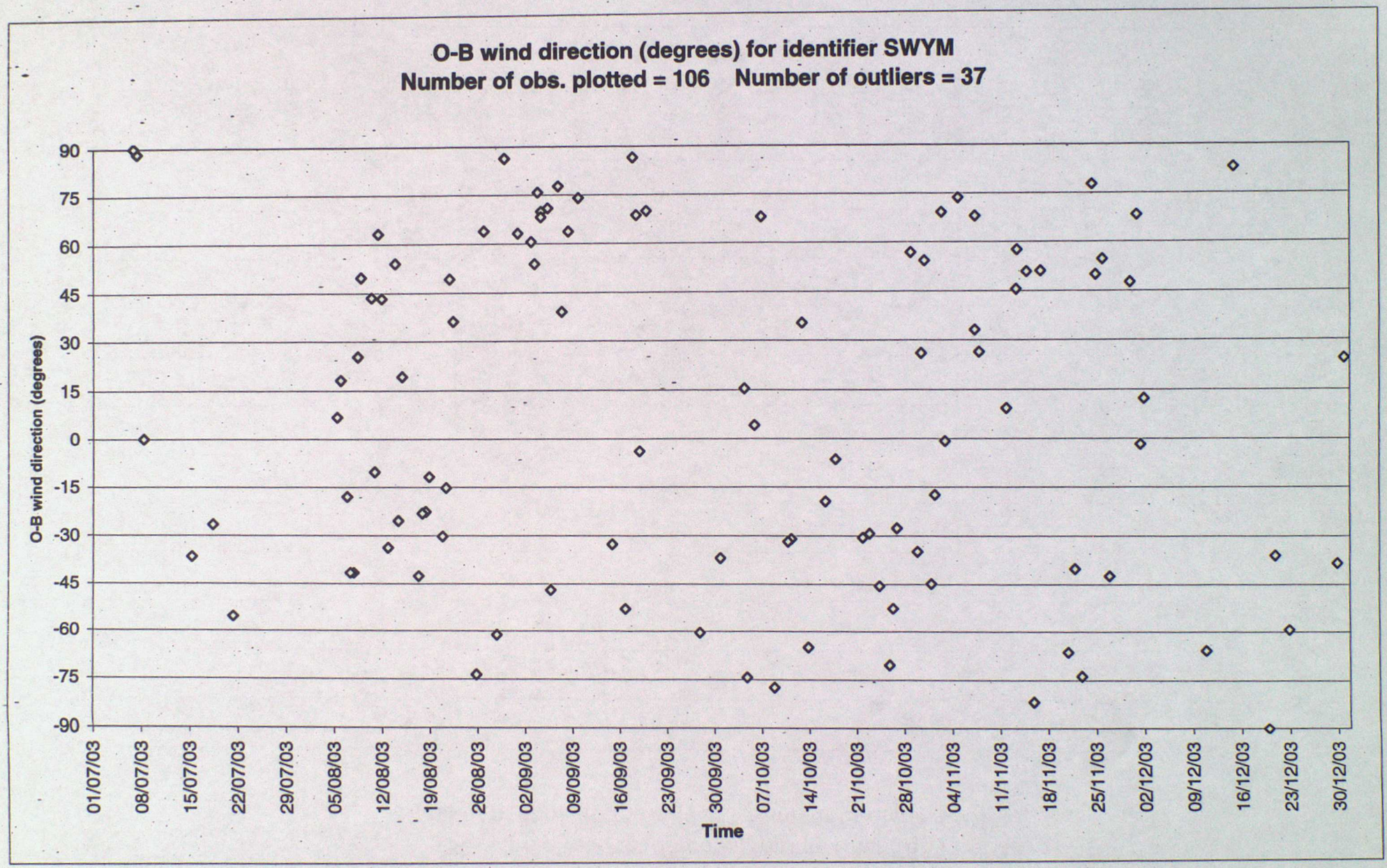
O-B wind direction (degrees) for identifier PGFE
Number of obs. plotted = 82 Number of outliers = 19
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03


O-B wind direction (degrees) for identifier P3GU7
Number of obs. plotted = 90 Number of outliers = 22
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time

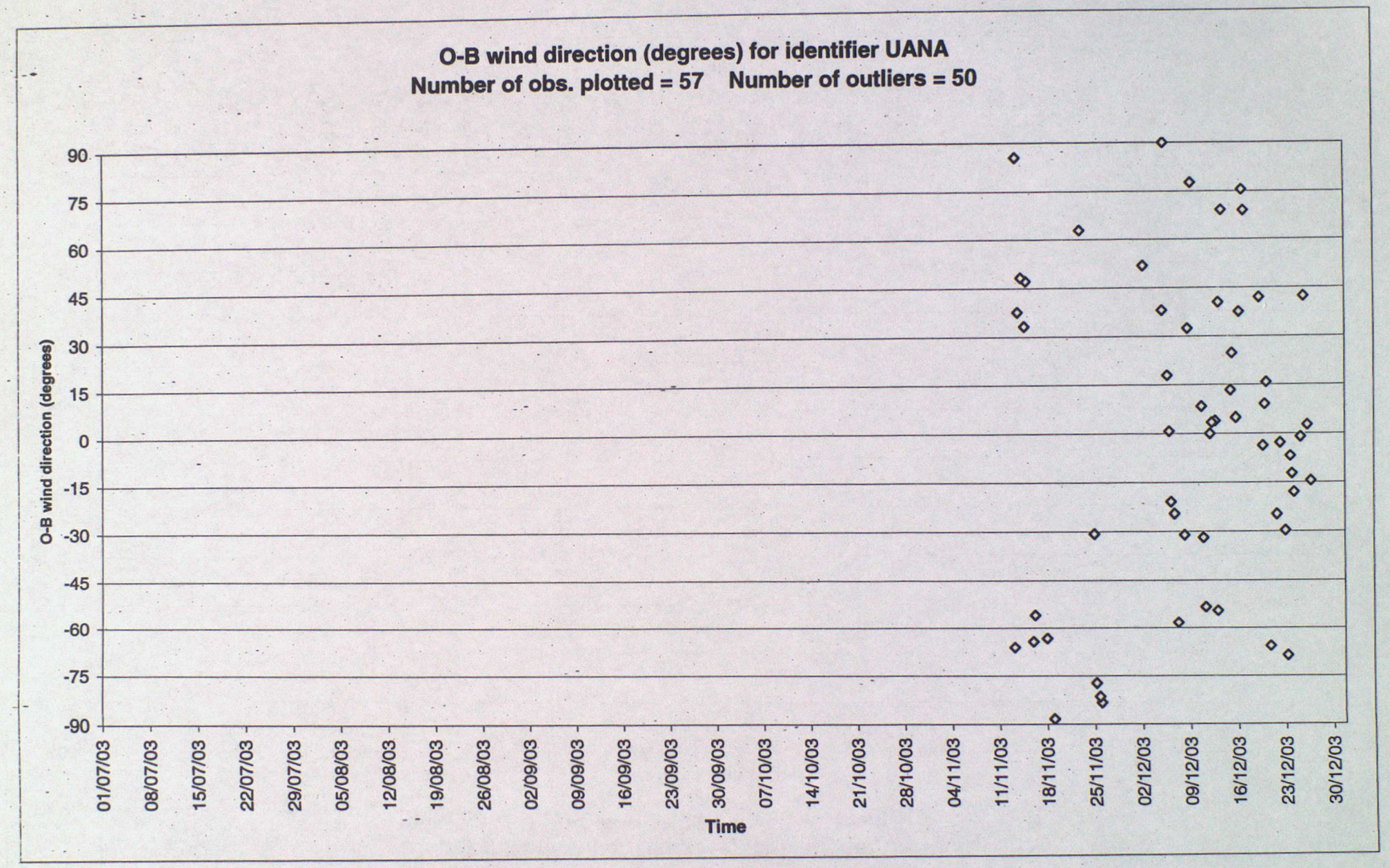

O-B wind direction (degrees) for identifier P3JA9
Number of obs. plotted = 144 Number of outliers = 39
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time

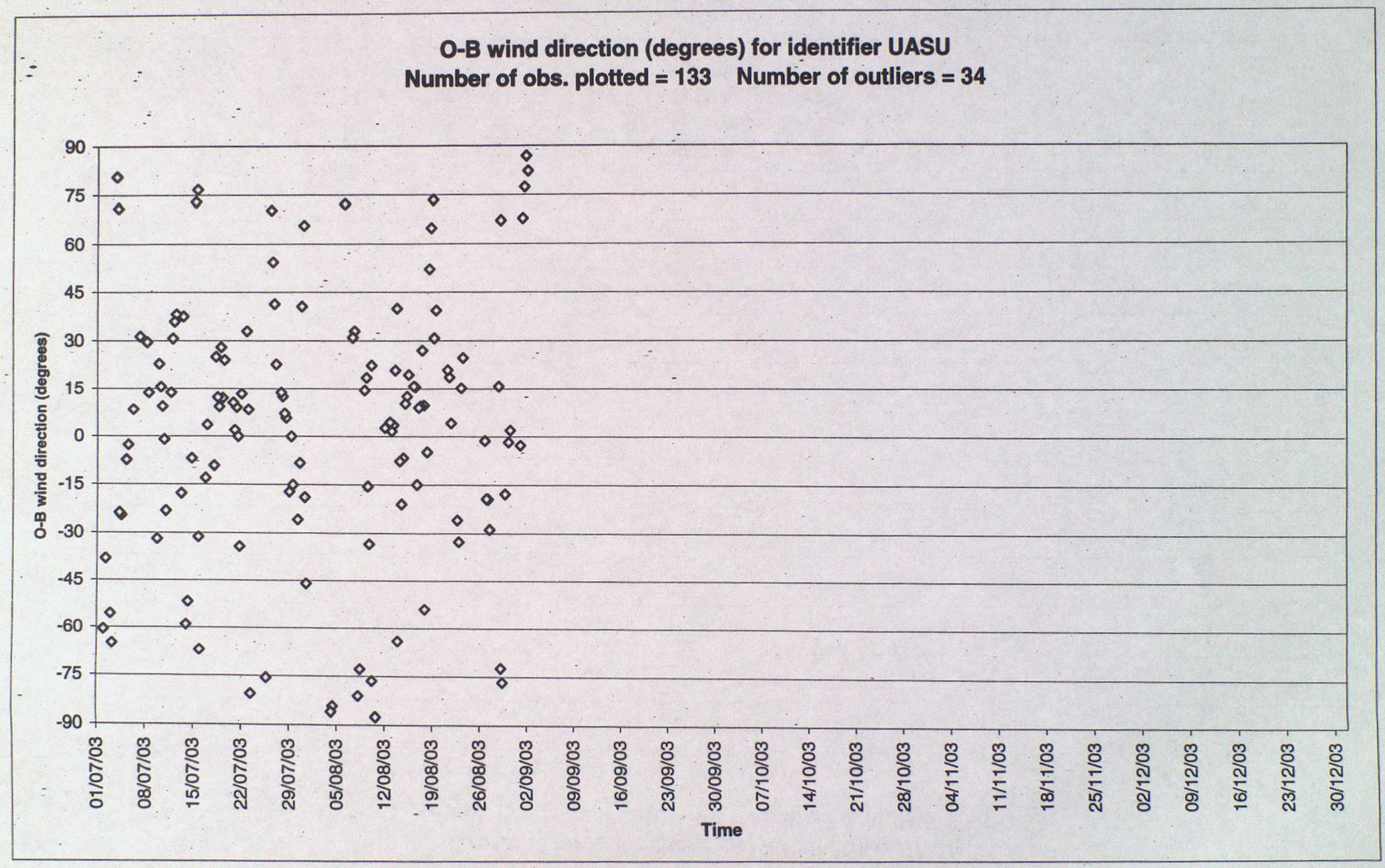
O-B wind direction (degrees) for identifier P3JS9
Number of obs. plotted = 62 Number of outliers = 21
O-B wind direction (degrees)
-90
-75
-60
-45
-30
-15
0
15
30
45
60
75
90
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03

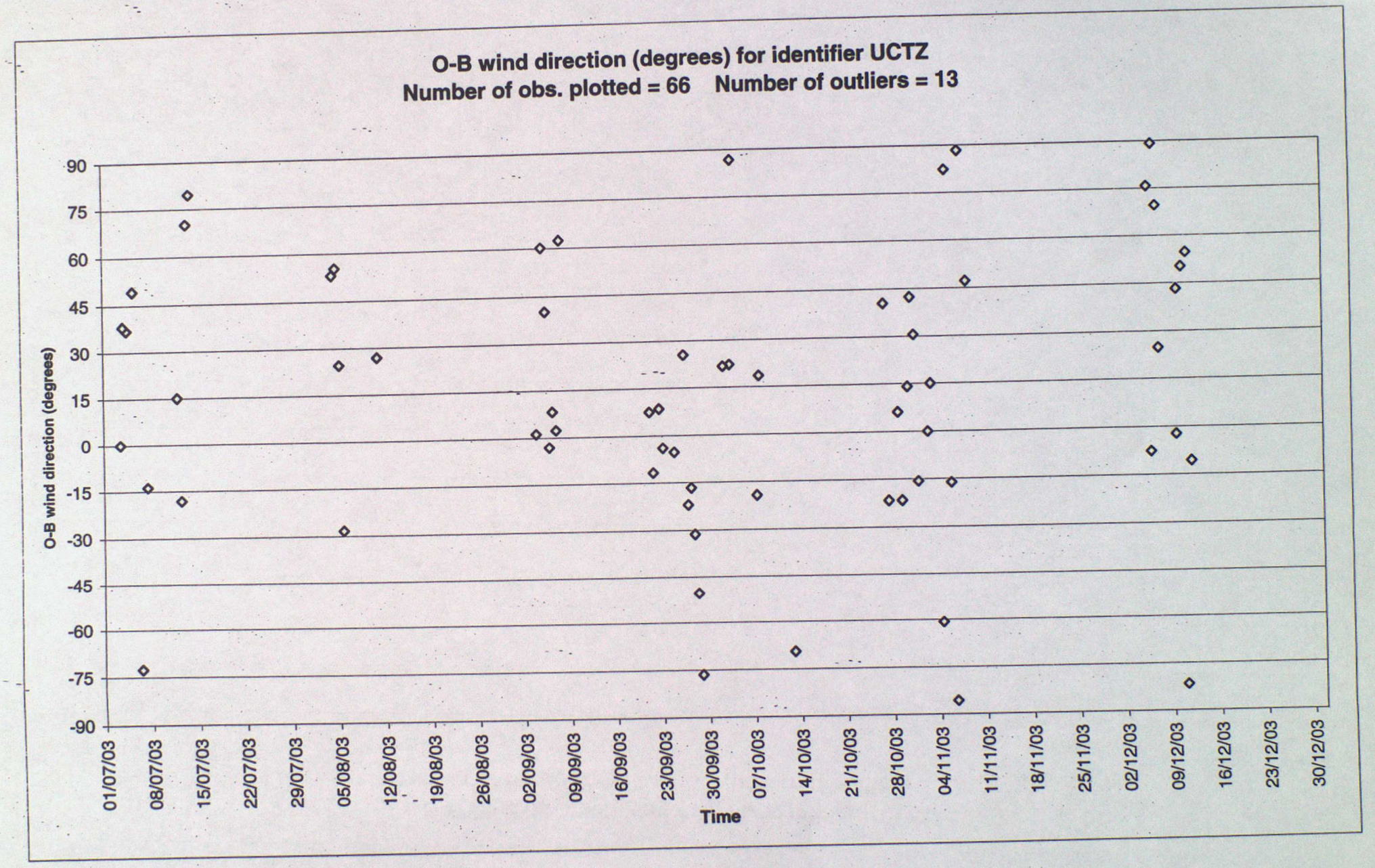
O-B wind direction (degrees) for identifier SP32
Number of obs. plotted = 497 Number of outliers = 163
O-B wind direction (degrees)
-90
-75
-60
-45
-30
-15
0
15
30
45
60
75
90
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03

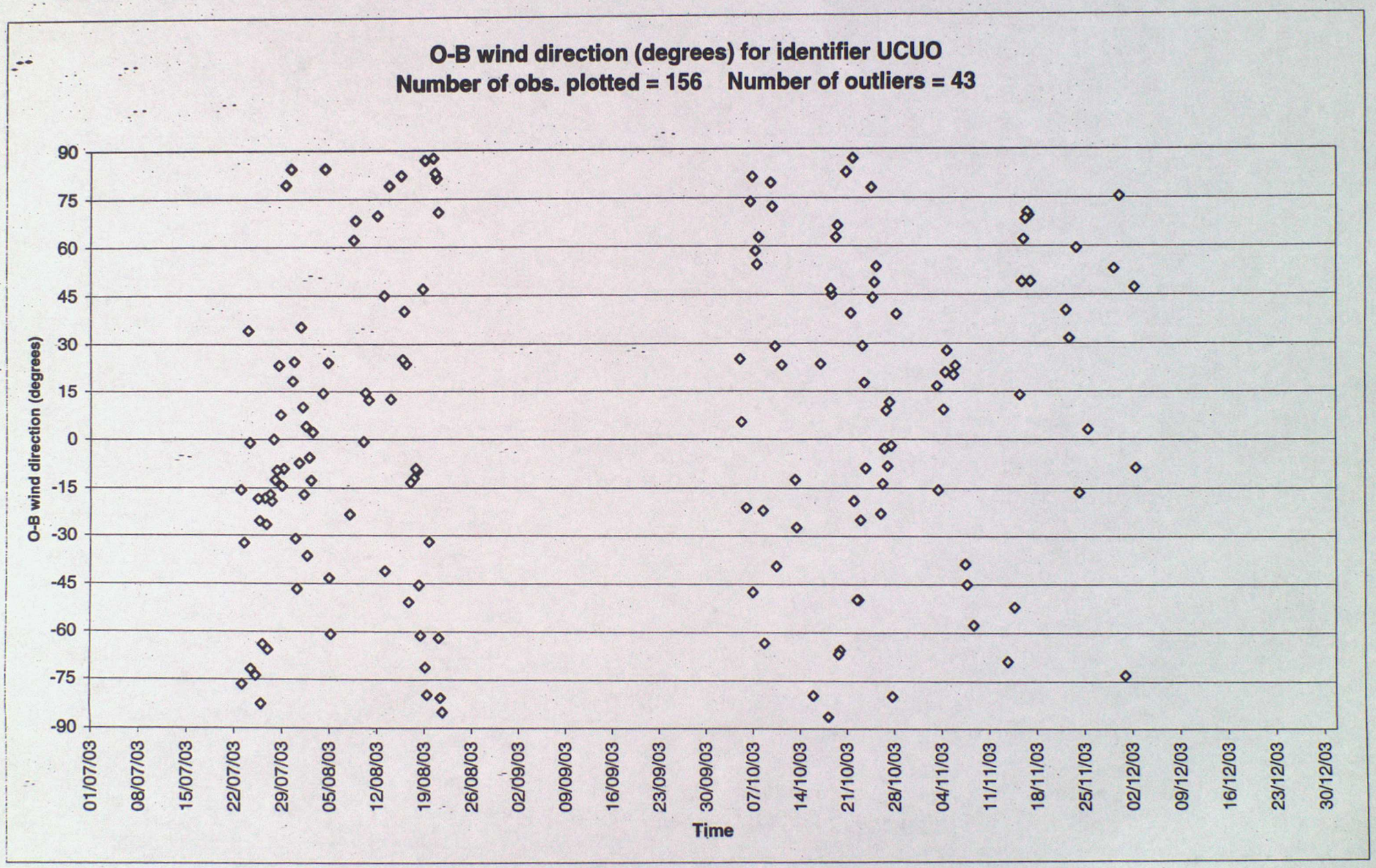

O-B wind direction (degrees) for identifier SWYM
Number of obs. plotted = 106 Number of outliers = 37
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time

O-B wind direction (degrees) for identifier TEST
Number of obs. plotted = 1065 Number of outliers = 0
O-B wind direction (degrees)
-180
-150
-120
-90
-60
-30
0
30
60
90
120
150
180
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03

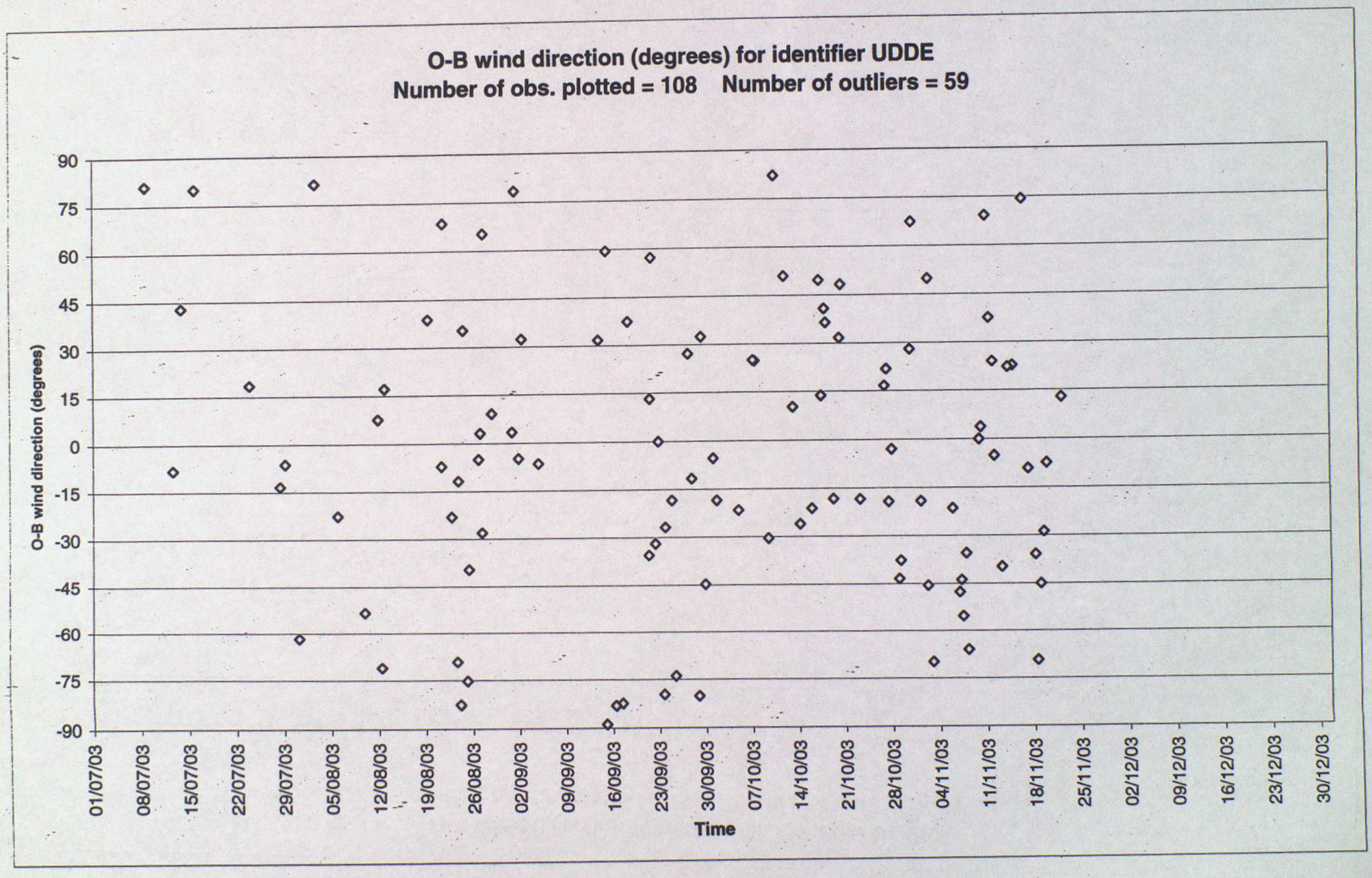

O-B wind direction (degrees) for identifier UANA
Number of obs. plotted = 57 Number of outliers = 50
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time


O-B wind direction (degrees) for identifier UASU
Number of obs. plotted = 133 Number of outliers = 34
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time

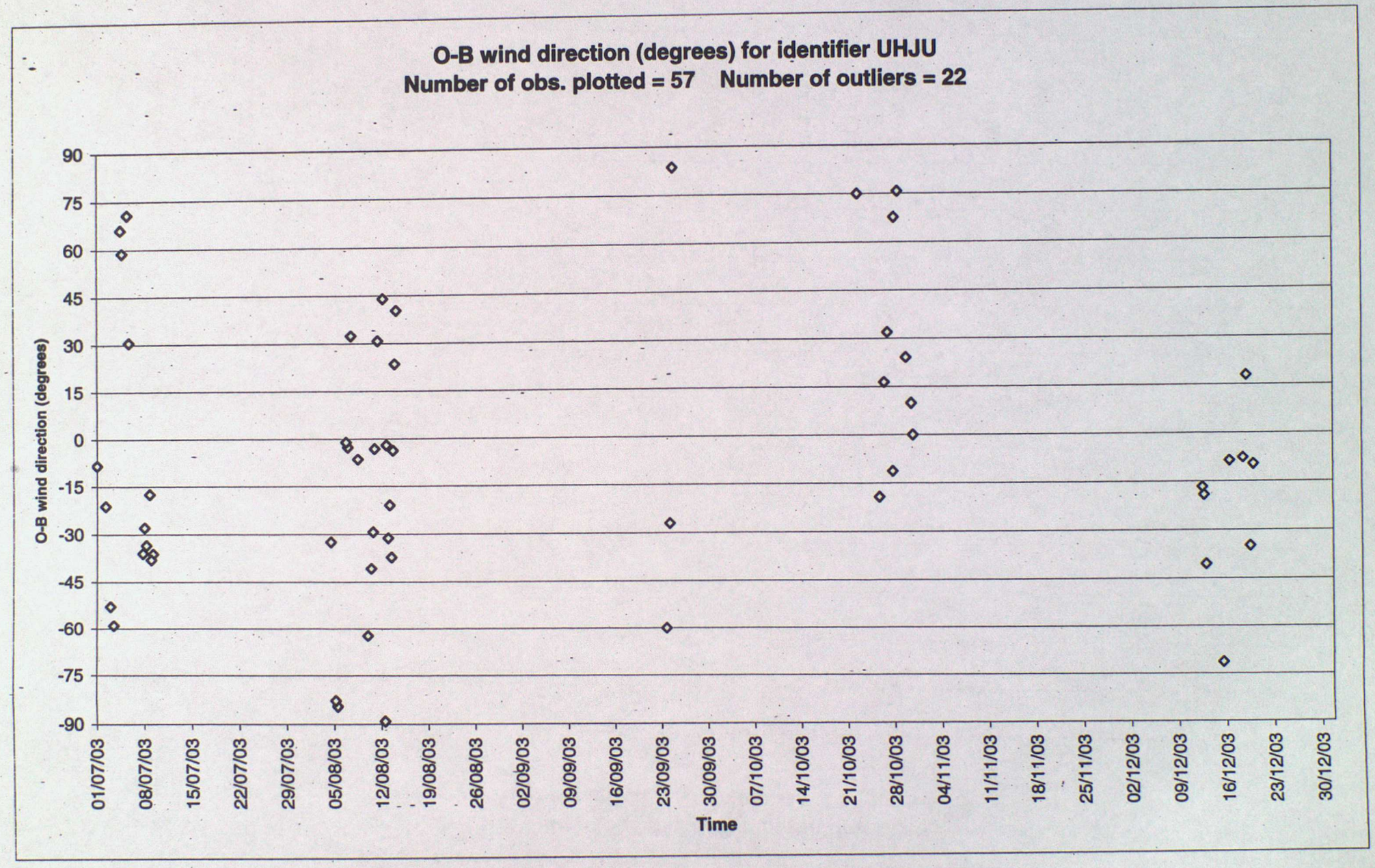

O-B wind direction (degrees) for identifier UCTZ
Number of obs. plotted = 66 Number of outliers = 13
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time


O-B wind direction (degrees) for identifier UCUO
Number of obs. plotted = 156 Number of outliers = 43
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time

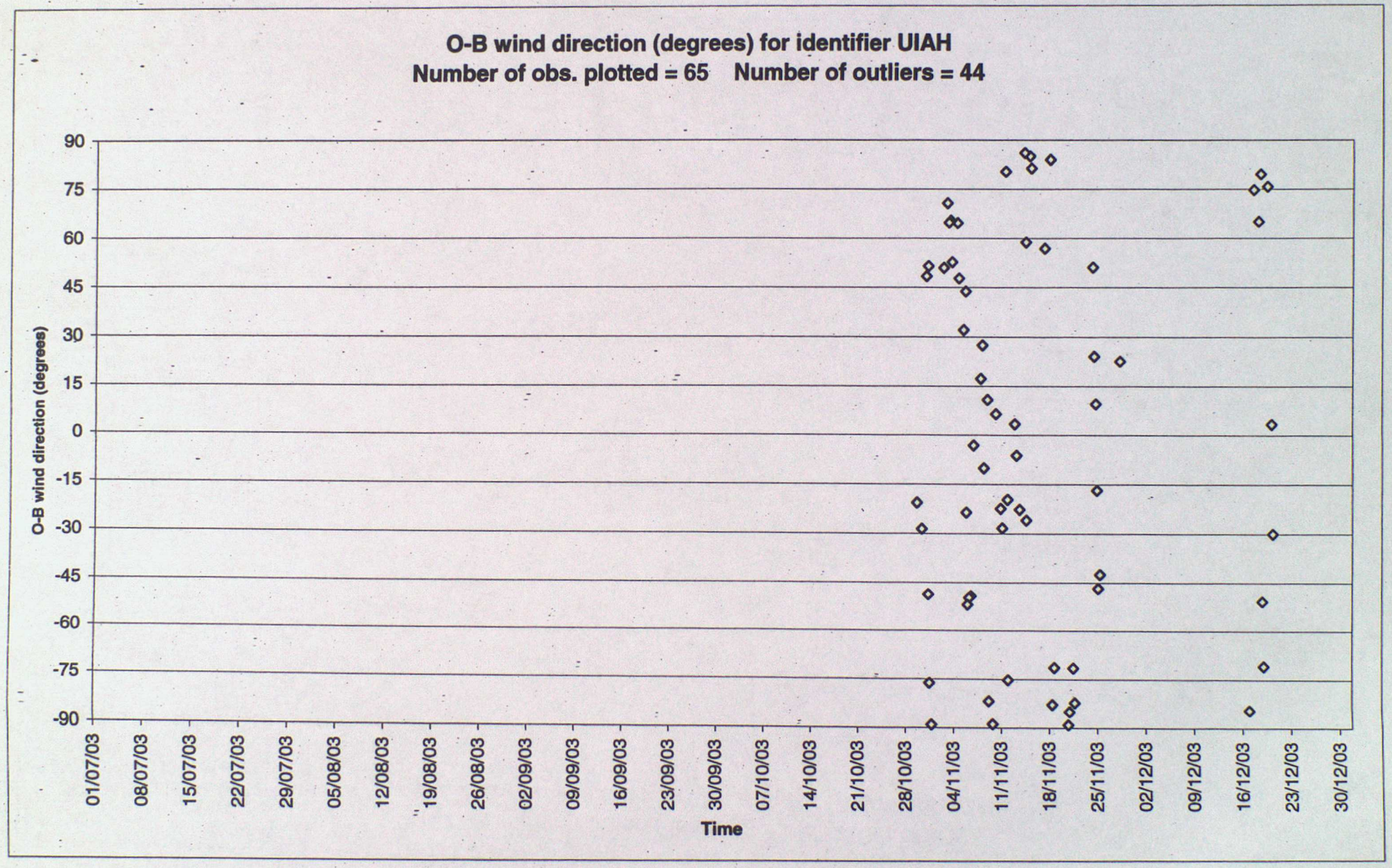
O-B wind direction (degrees) for identifier UDBK
Number of obs. plotted = 76 Number of outliers = 21
O-B wind direction (degrees)
-90
-75
-60
-45
-30
-15
0
15
30
45
60
75
90
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03

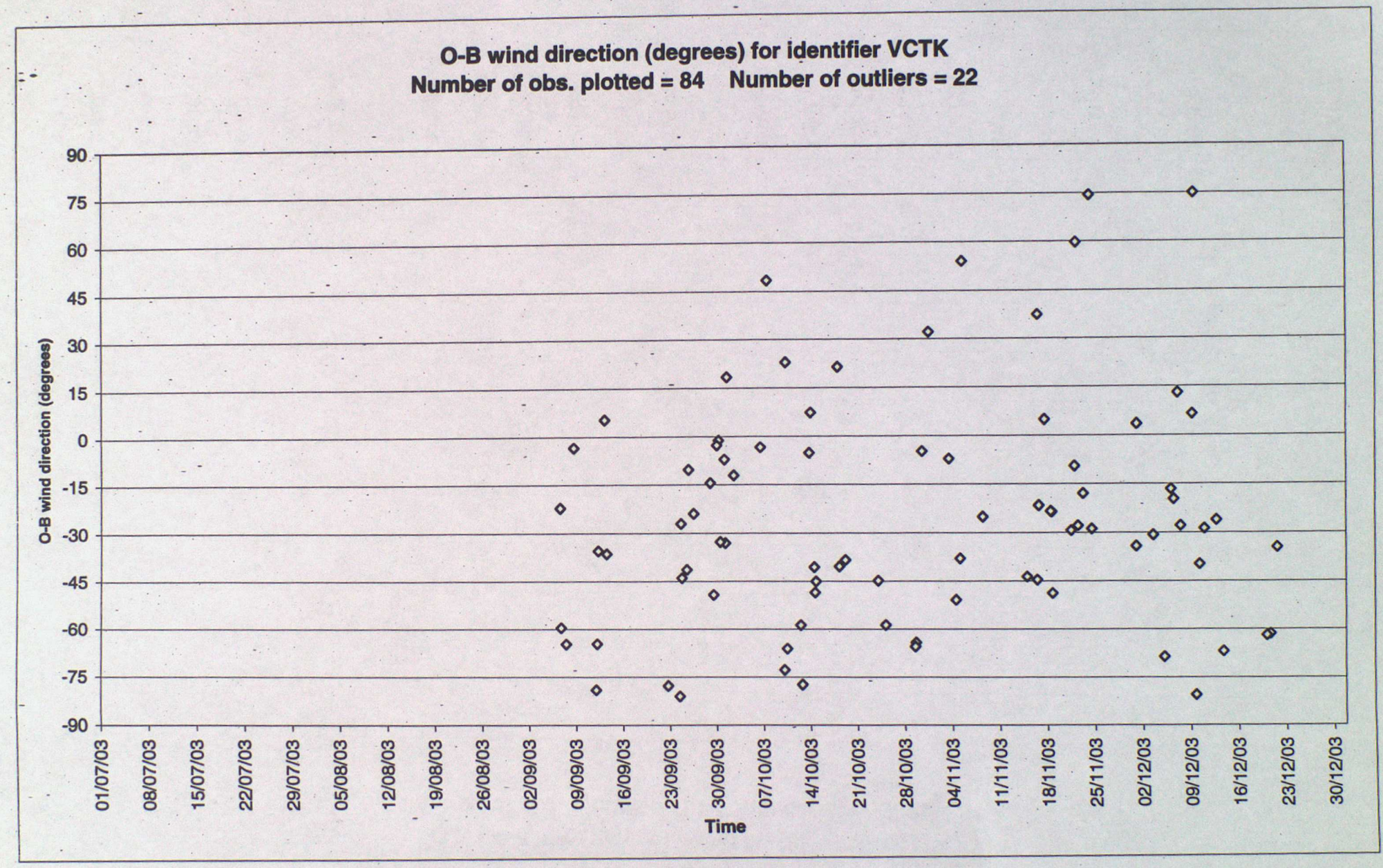

O-B wind direction (degrees) for identifier UDDE
Number of obs. plotted = 108 Number of outliers = 59
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time

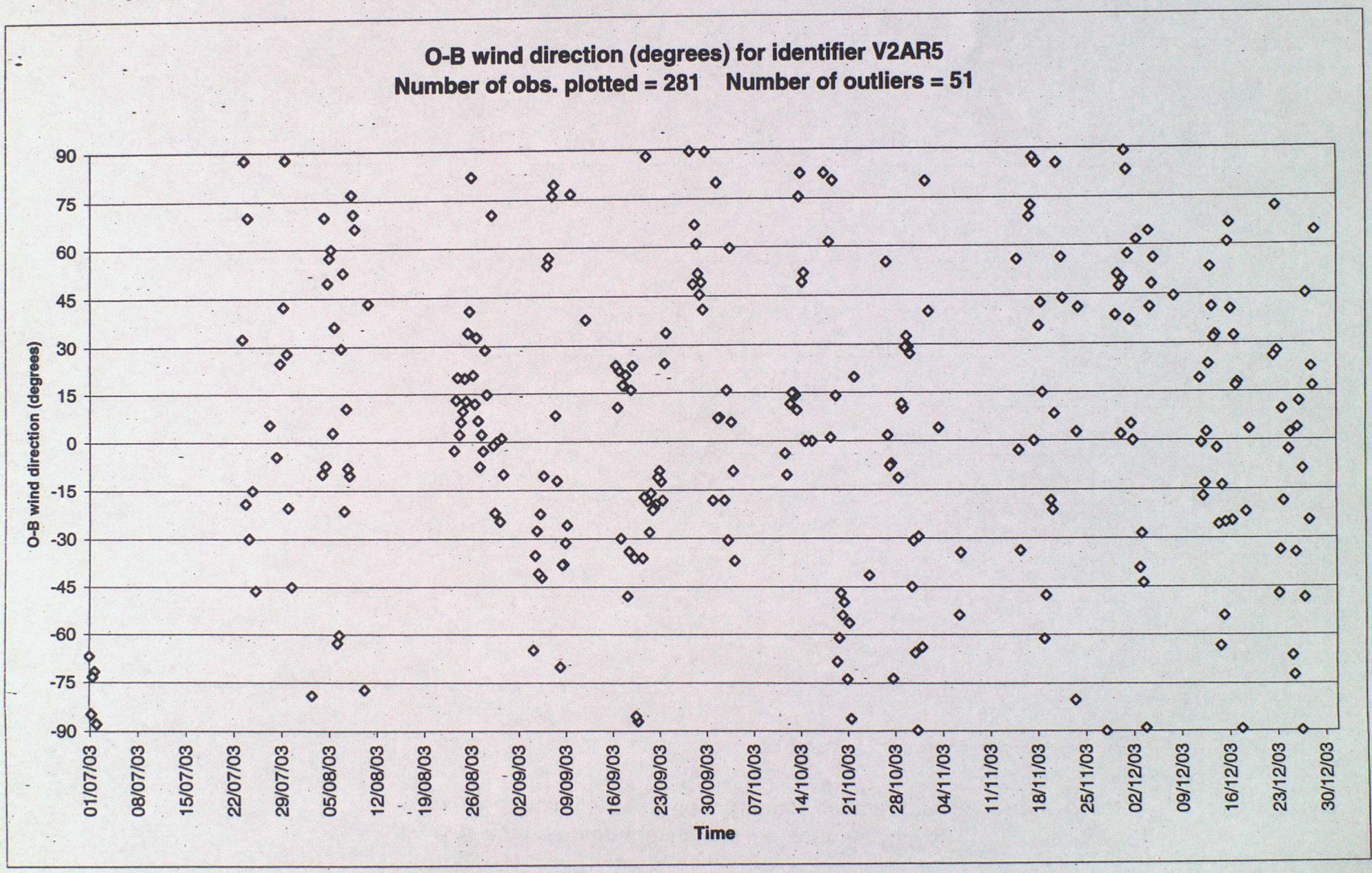
O-B wind direction (degrees) for identifier UDKC
Number of obs. plotted = 58 Number of outliers = 15
O-B wind direction (degrees)
-90
-75
-60
-45
-30
-15
0
15
30
45
60
75
90
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03


O-B wind direction (degrees) for identifier UHJU
Number of obs. plotted = 57 Number of outliers = 22
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time

O-B wind direction (degrees) for identifier UIAG
Number of obs. plotted = 88 Number of outliers = 24
O-B wind direction (degrees)
-90
-75
-60
-45
-30
-15
0
15
30
45
60
75
90
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03


O-B wind direction (degrees) for identifier UIAH
Number of obs. plotted = 65 Number of outliers = 44
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time

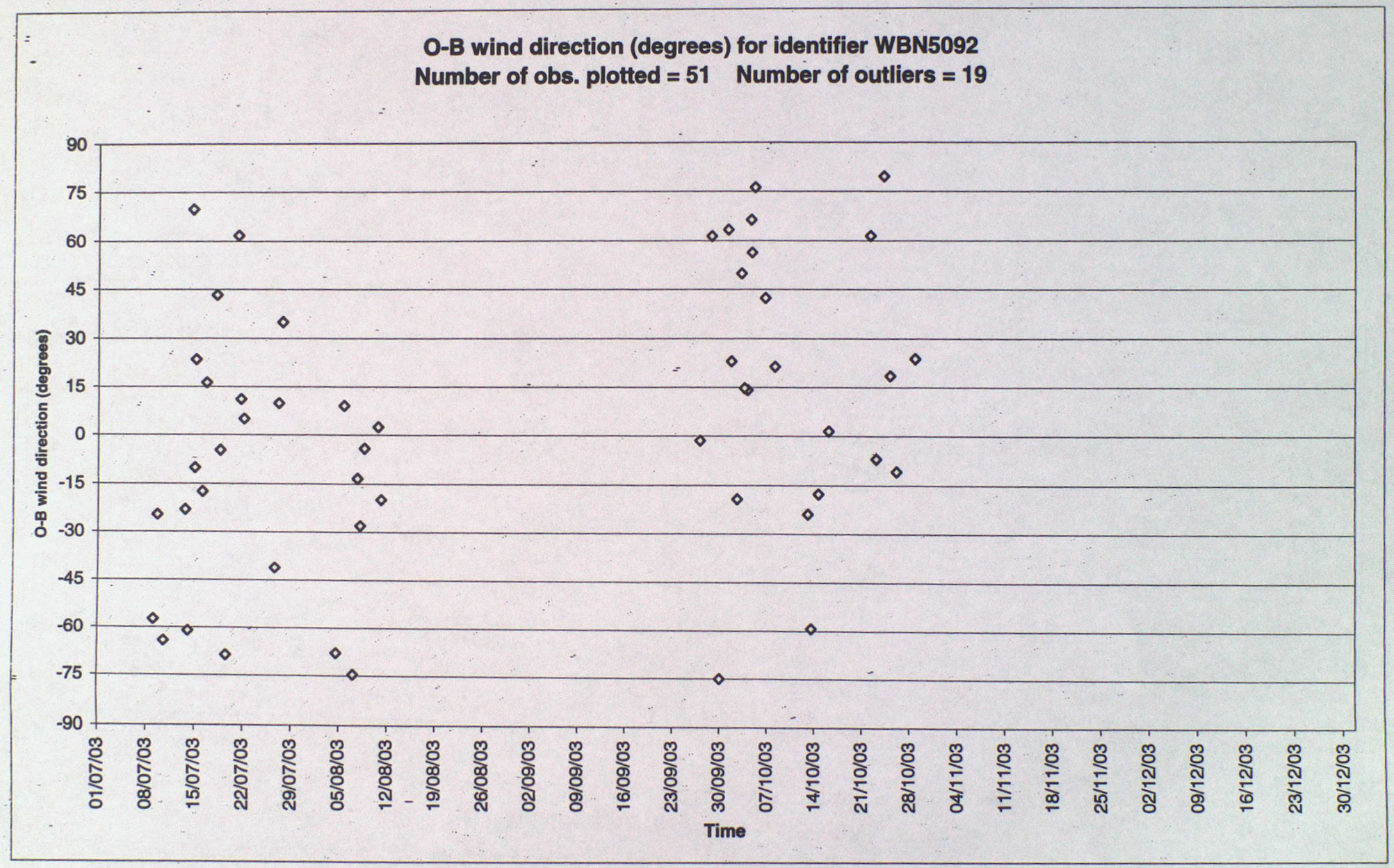

O-B wind direction (degrees) for identifier VCTK
Number of obs. plotted = 84 Number of outliers = 22
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time


O-B wind direction (degrees) for identifier V2AR5
Number of obs. plotted = 281 Number of outliers = 51
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time

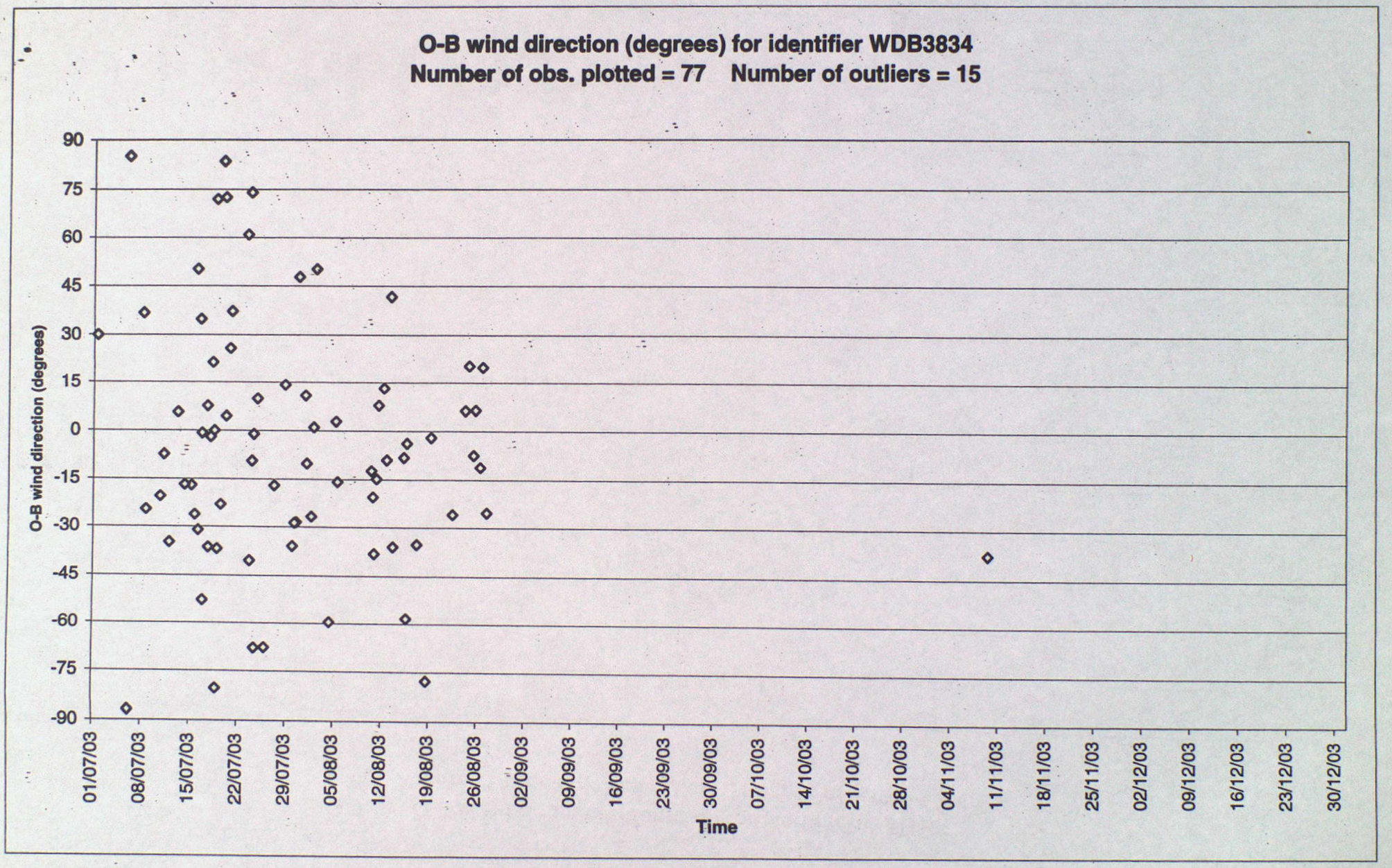
O-B wind direction (degrees) for identifier V2EU
Number of obs. plotted = 87 Number of outliers = 30
O-B wind direction (degrees)
-90
-75
-60
-45
-30
-15
0
15
30
45
60
75
90
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03

O-B wind direction (degrees) for identifier V2FM
Number of obs. plotted = 109 Number of outliers = 87
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03

O-B wind direction (degrees) for identifier V7DQ8
Number of obs. plotted = 231 Number of outliers = 88
O-B wind direction (degrees)
-90
-75
-60
-45
-30
-15
0
15
30
45
60
75
90
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03


O-B wind direction (degrees) for identifier WBN5092
Number of obs. plotted = 51 Number of outliers = 19
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time

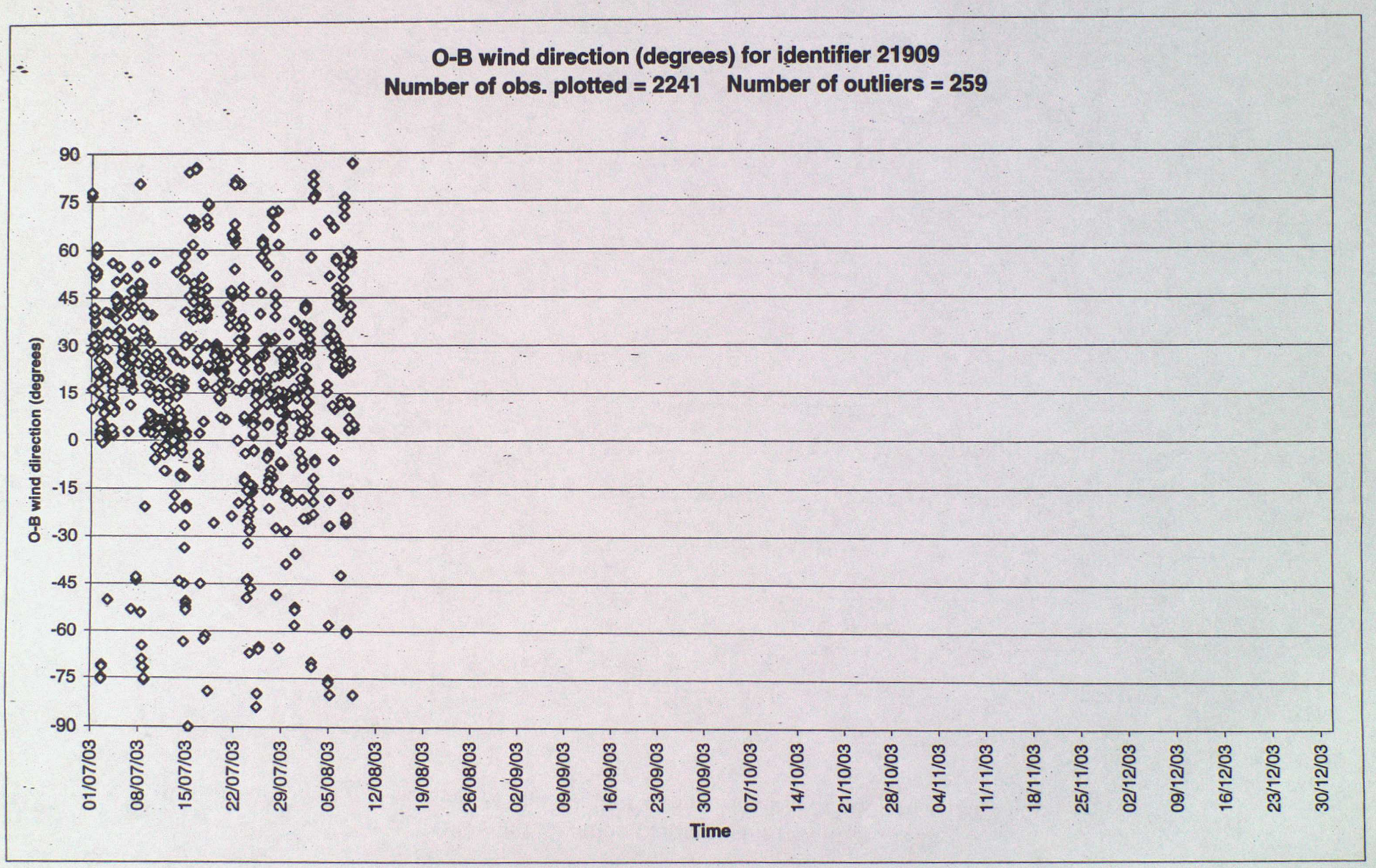
O-B wind direction (degrees) for identifier WBN5978
Number of obs. plotted = 123 Number of outliers = 42
O-B wind direction (degrees)
-90
-75
-60
-45
-30
-15
0
15
30
45
60
75
90
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03


O-B wind direction (degrees) for identifier WDB3834
Number of obs. plotted = 77 Number of outliers = 15
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time

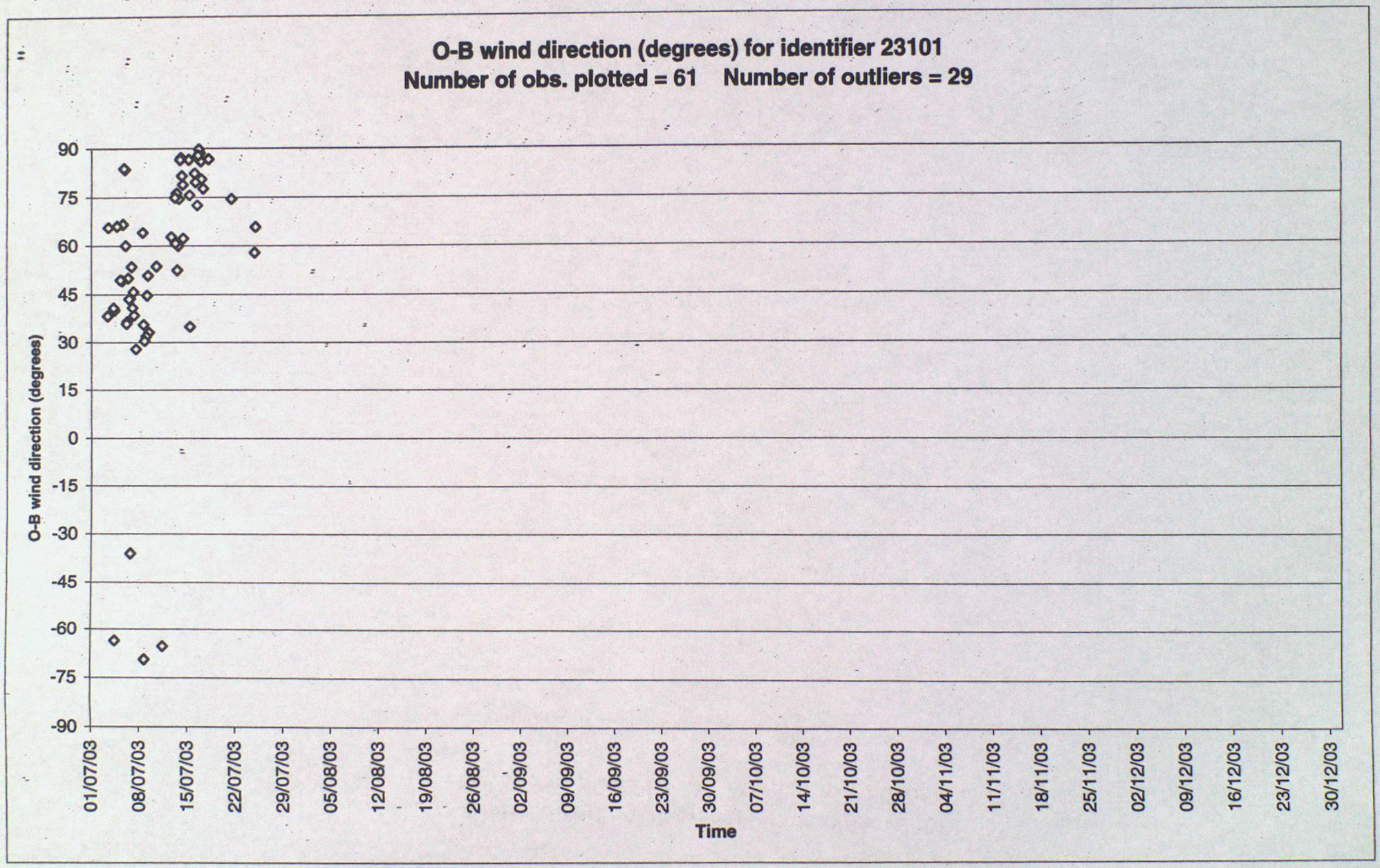
O-B wind direction (degrees) for identifier WYH6327
Number of obs. plotted = 289 Number of outliers = 118
O-B wind direction (degrees)
-90
-75
-60
-45
-30
-15
0
15
30
45
60
75
90
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03

O-B wind direction (degrees) for identifier ZCBF3
Number of obs. plotted = 33 Number of outliers = 18
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03

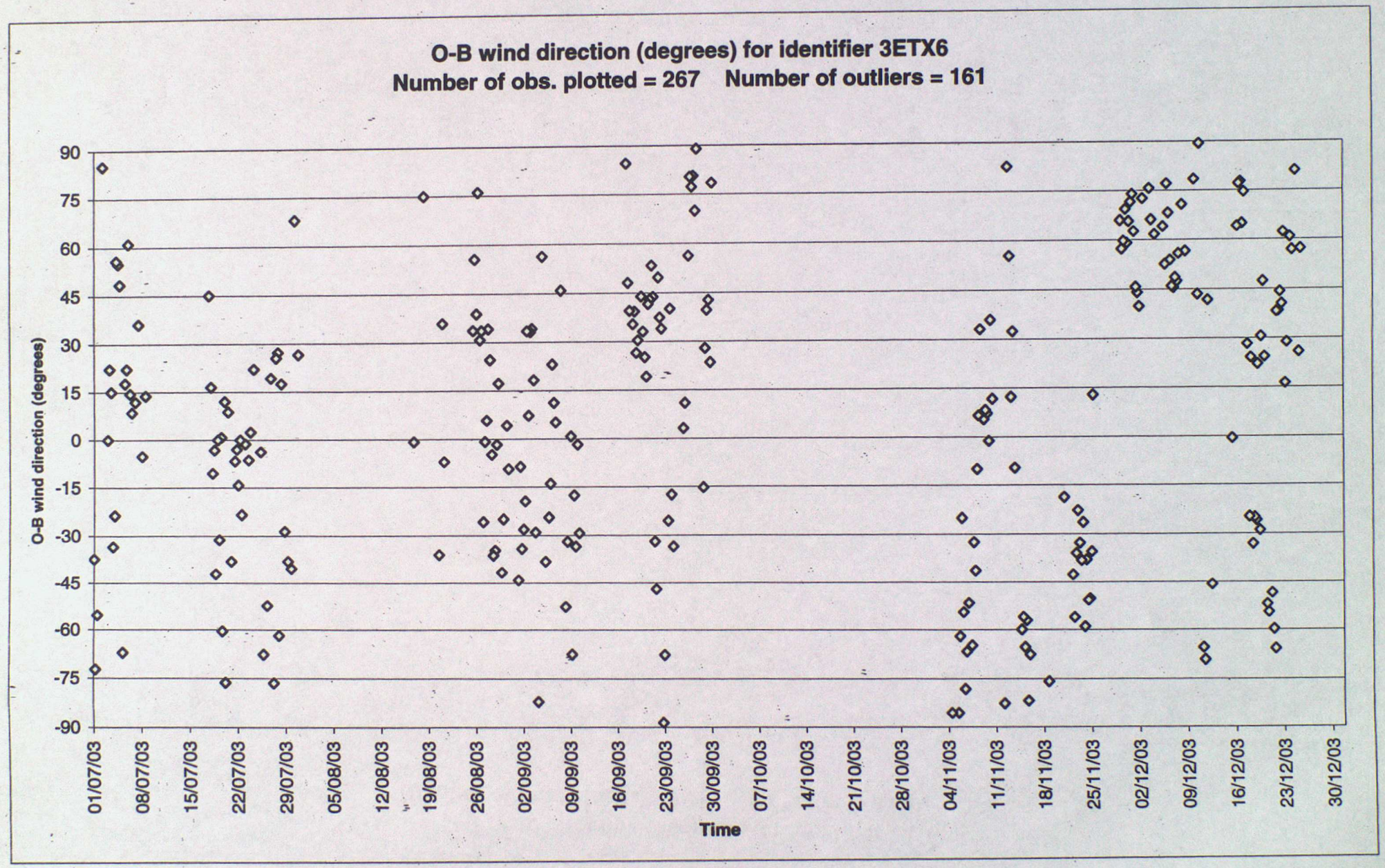
O-B wind direction (degrees) for identifier 21535
Number of obs. plotted = 994 Number of outliers = 133
O-B wind direction (degrees)
-90
-75
-60
-45
-30
-15
0
15
30
45
60
75
90
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03

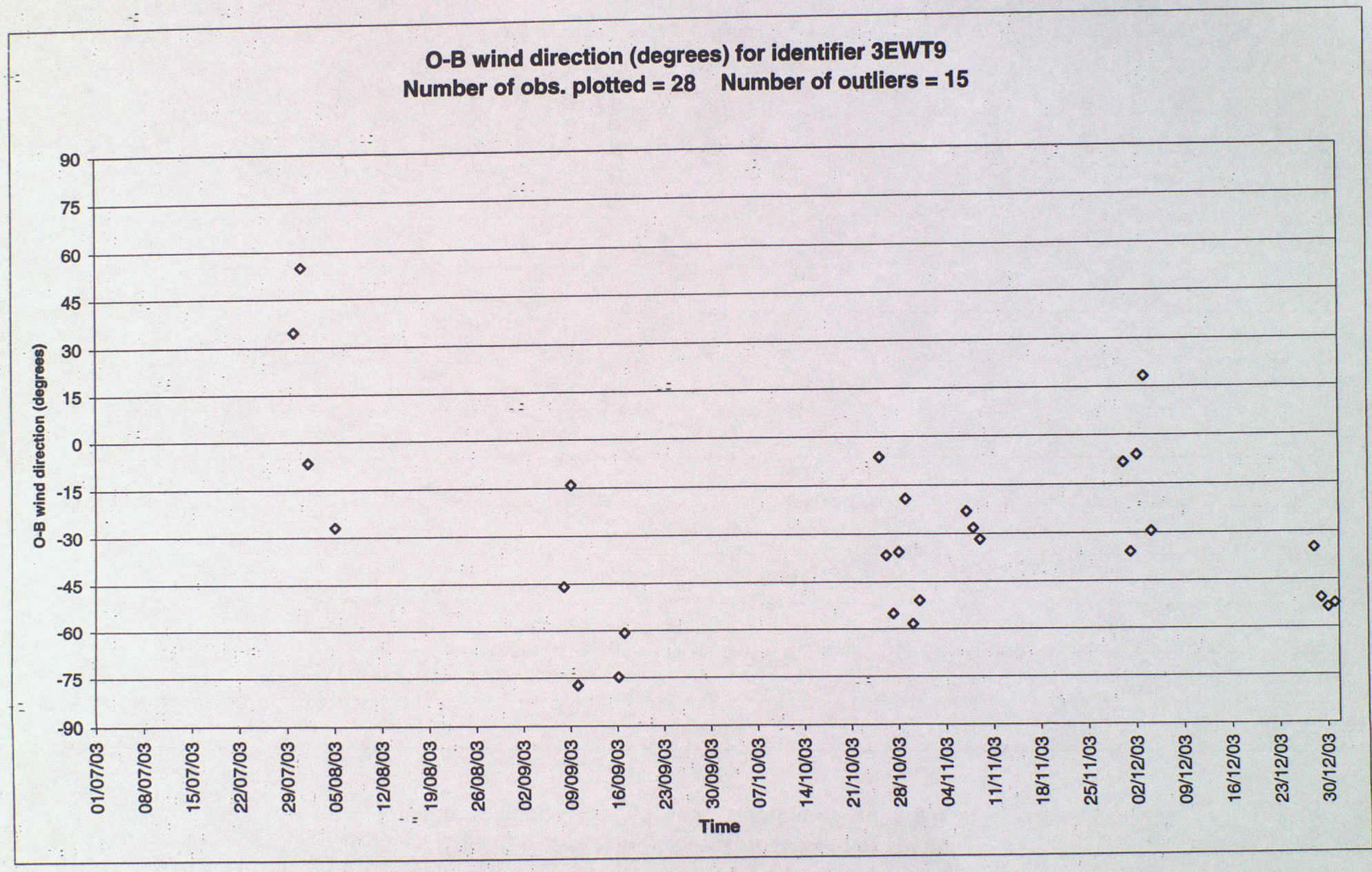

O-B wind direction (degrees) for identifier 21909
Number of obs. plotted = 2241 Number of outliers = 259
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time

O-B wind direction (degrees) for identifier 23091
Number of obs. plotted = 31 Number of outliers = 37
O-B wind direction (degrees)
-90
-75
-60
-45
-30
-15
0
15
30
45
60
75
90
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03


O-B wind direction (degrees) for identifier 23101
Number of obs. plotted = 61 Number of outliers = 29
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time

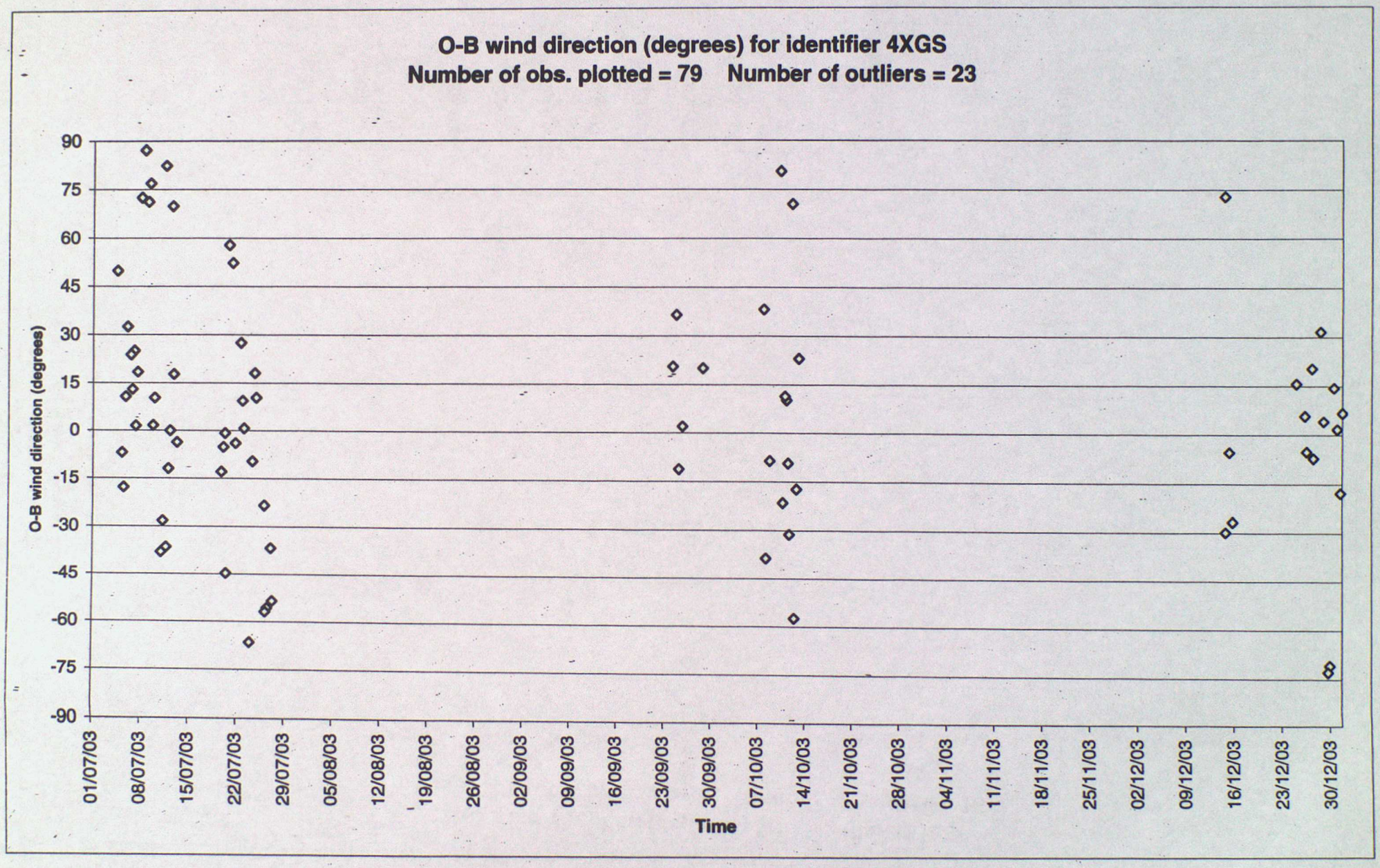
O-B wind direction (degrees) for identifier 23168
Number of obs. plotted = 294 Number of outliers = 368
O-B wind direction (degrees)
-90
-75
-60
-45
-30
-15
0
15
30
45
60
75
90
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03

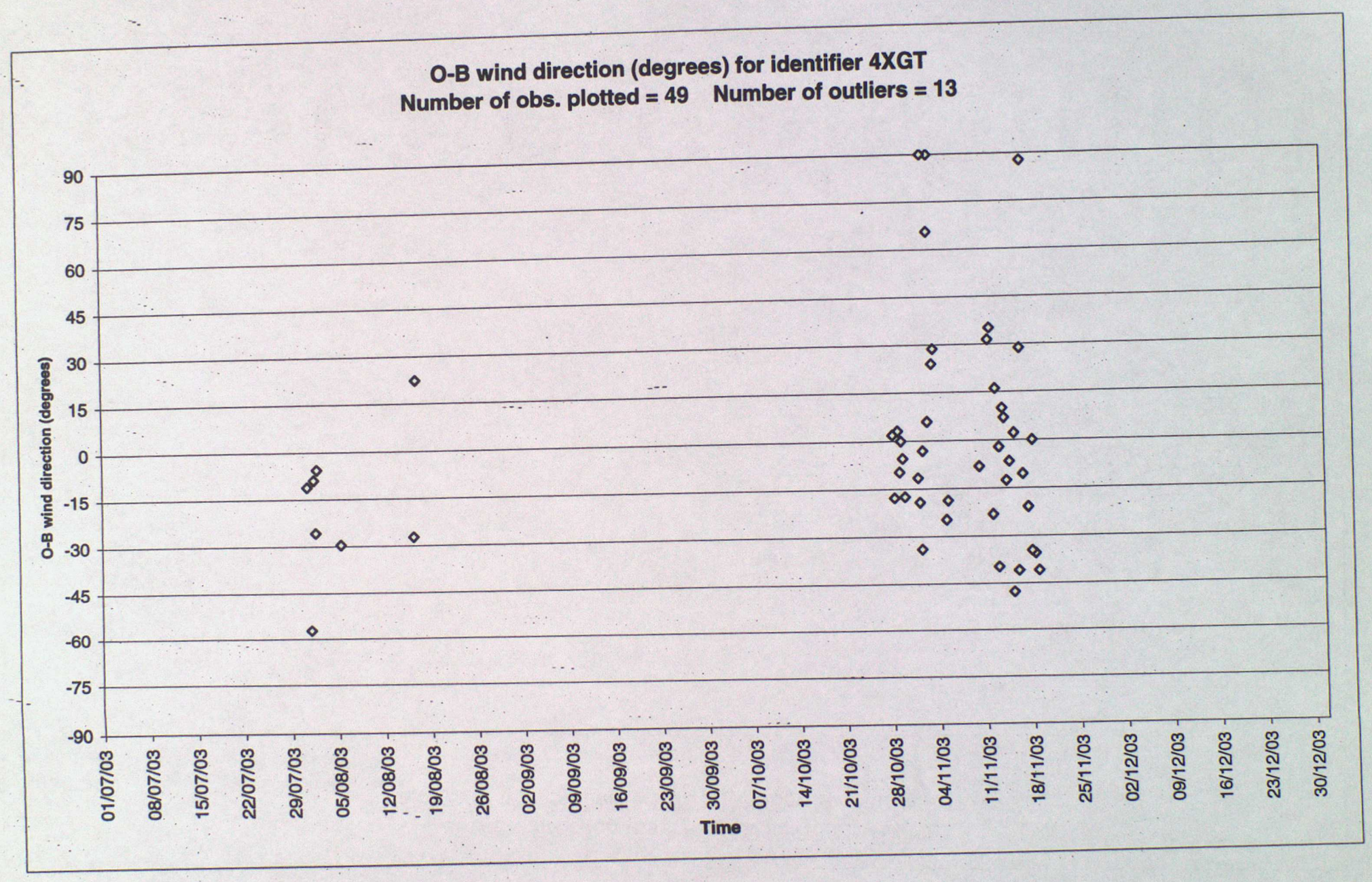

O-B wind direction (degrees) for identifier 3ETX6
Number of obs. plotted = 267 Number of outliers = 161
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time


O-B wind direction (degrees) for identifier 3EWT9
Number of obs. plotted = 28 Number of outliers = 15
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time

O-B wind direction (degrees) for identifier 3FGI5
Number of obs. plotted = 89 Number of outliers = 30
O-B wind direction (degrees)
-90
-75
-60
-45
-30
-15
0
15
30
45
60
75
90
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03

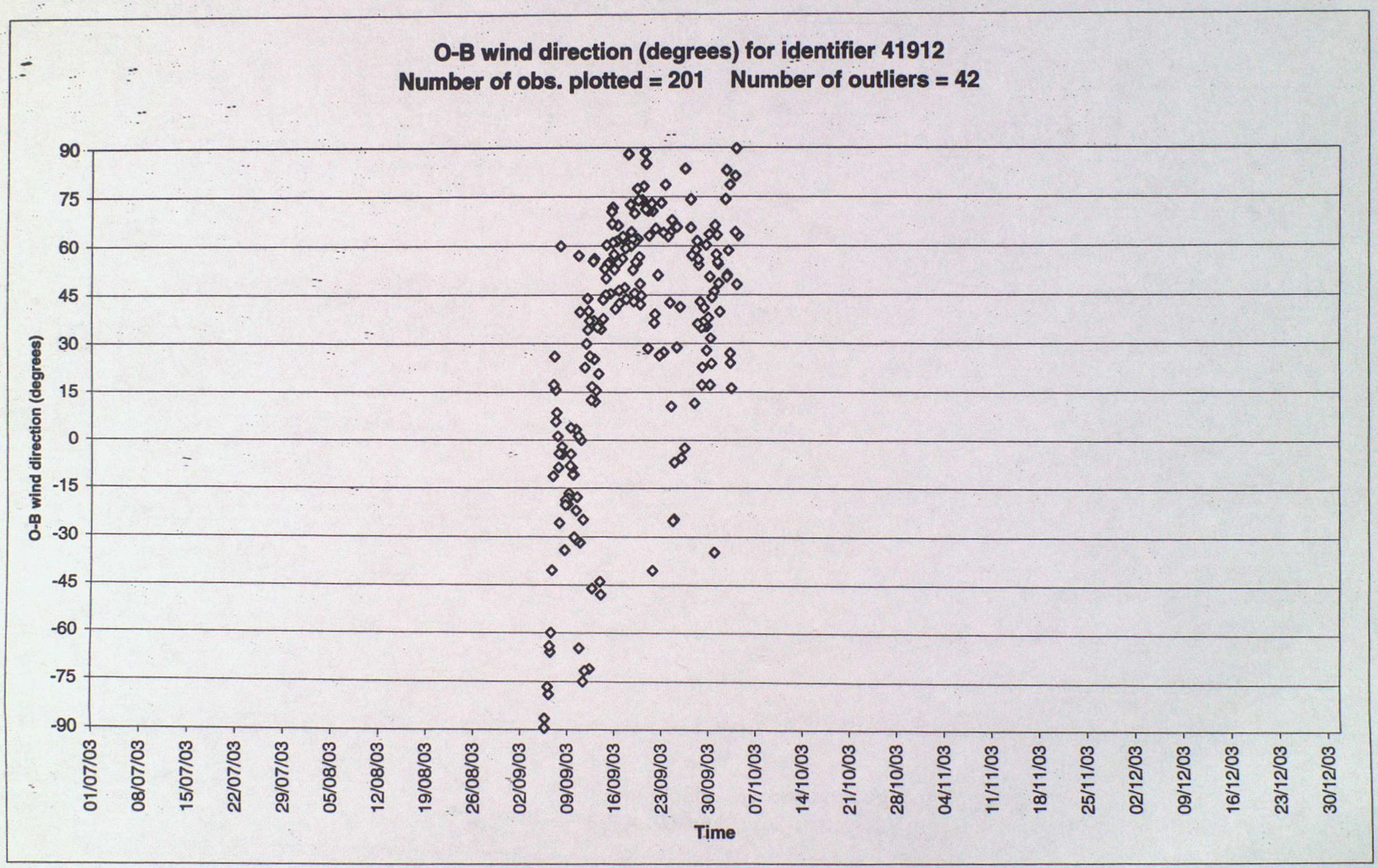
O-B wind direction (degrees) for identifier 3FTL9
Number of obs. plotted = 48 Number of outliers = 23
O-B wind direction (degrees)
-90
-75
-60
-45
-30
-15
0
15
30
45
60
75
90
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03


O-B wind direction (degrees) for identifier 4XGS
Number of obs. plotted = 79 Number of outliers = 23
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time

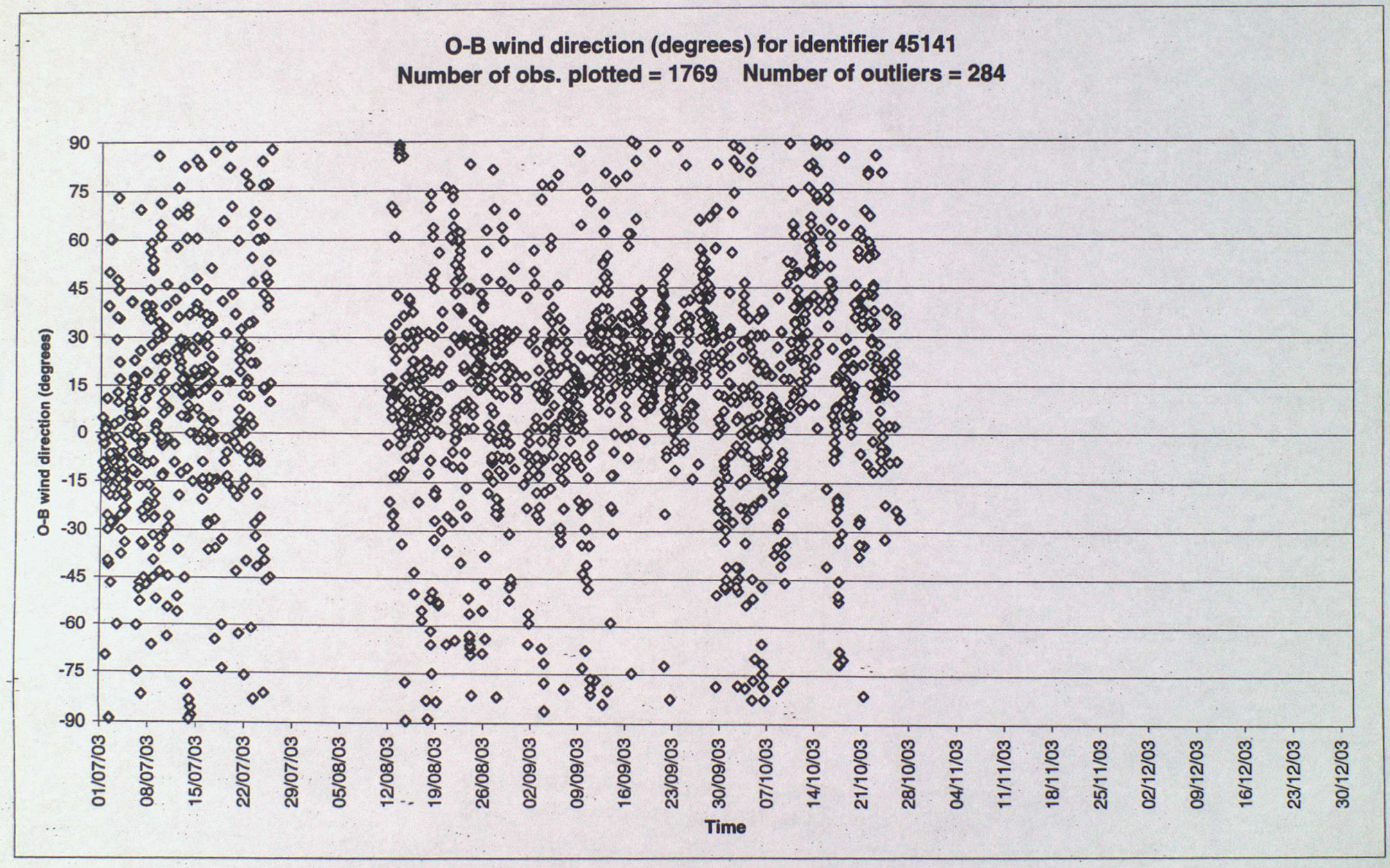

O-B wind direction (degrees) for identifier 4XGT
Number of obs. plotted = 49 Number of outliers = 13
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time

O-B wind direction (degrees) for identifier 41532
Number of obs. plotted = 1373 Number of outliers = 77
O-B wind direction (degrees)
-90
-75
-60
-45
-30
-15
0
15
30
45
60
75
90
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03

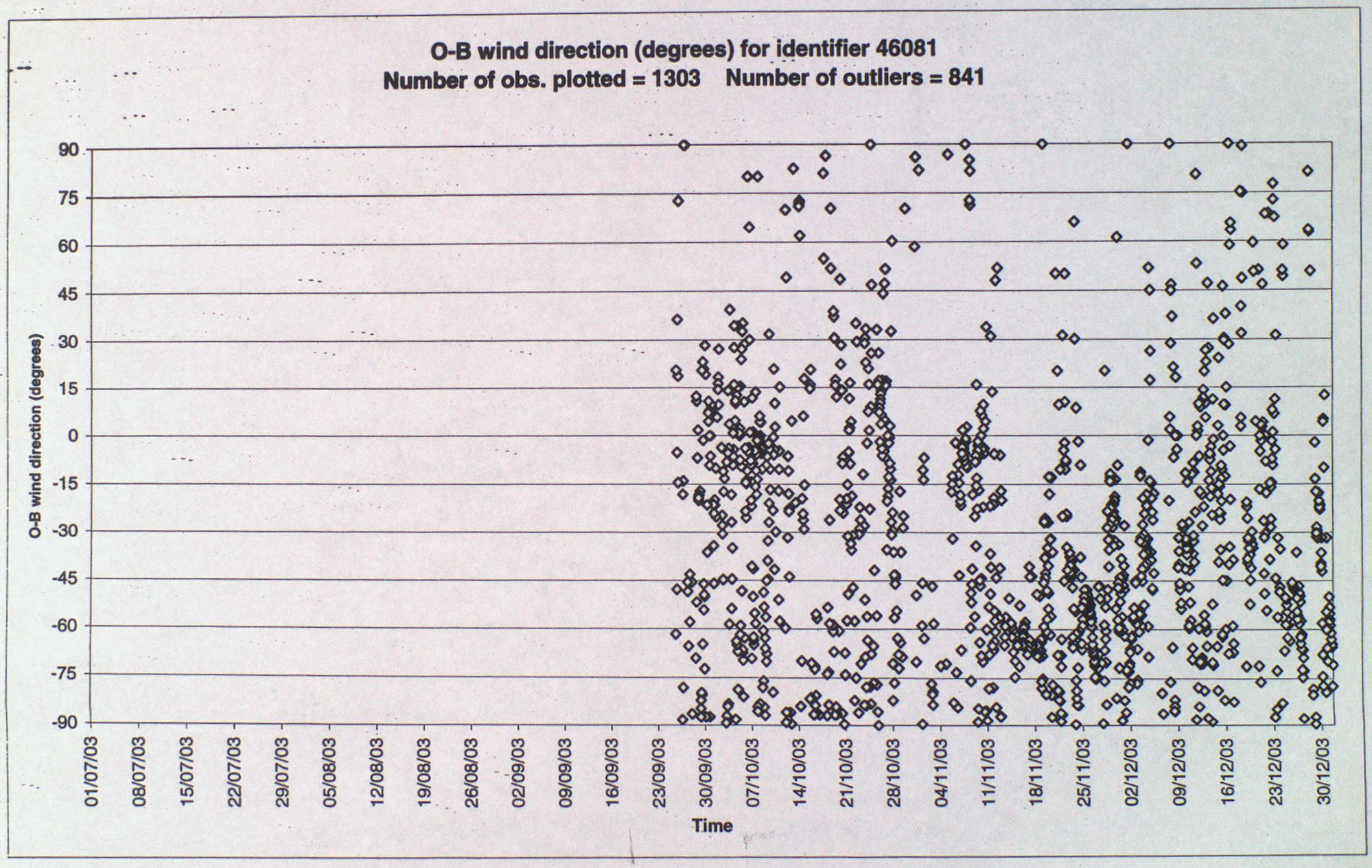
O-B wind direction (degrees) for identifier 41537
Number of obs. plotted = 950 Number of outliers = 108


O-B wind direction (degrees) for identifier 41912
Number of obs. plotted = 201 Number of outliers = 42
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time

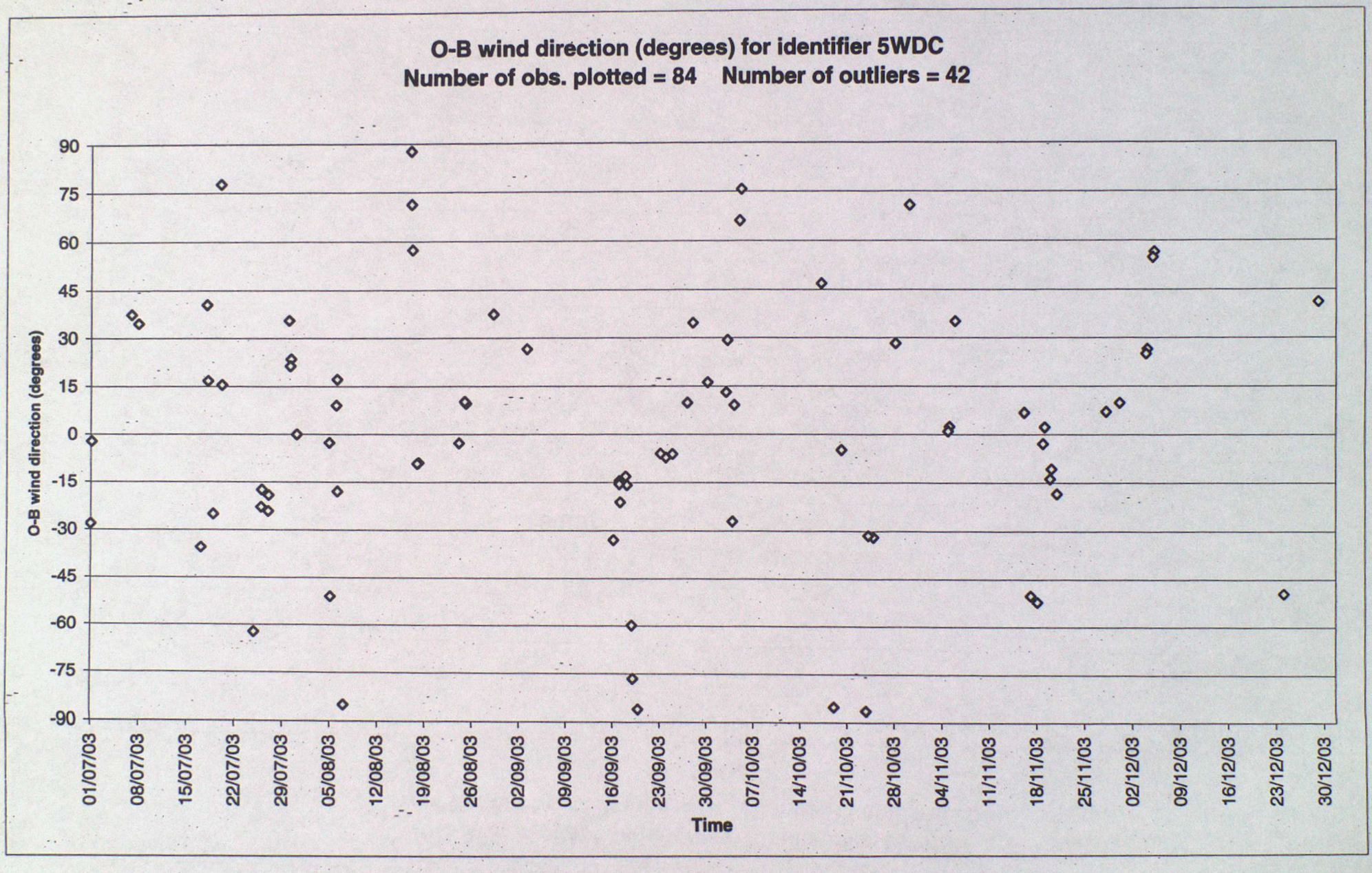
O-B wind direction (degrees) for identifier 45140
Number of obs. plotted = 1905 Number of outliers = 296


O-B wind direction (degrees) for identifier 45141
Number of obs. plotted = 1769 Number of outliers = 284
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time

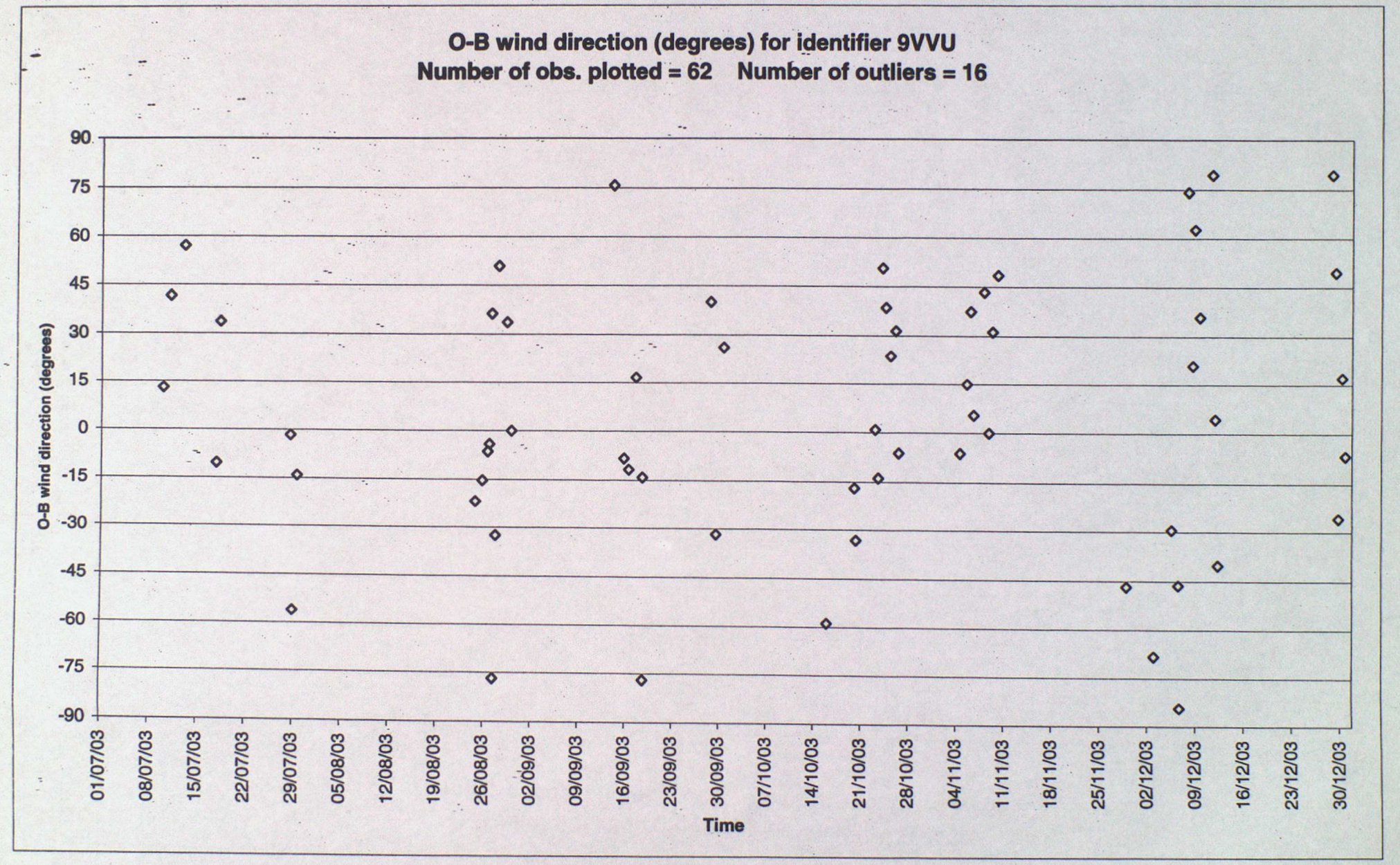
O-B wind direction (degrees) for identifier 45145
Number of obs. plotted = 1752 Number of outliers = 269
O-B wind direction (degrees)
-90
-75
-60
-45
-30
-15
0
15
30
45
60
75
90
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03


O-B wind direction (degrees) for identifier 46081
Number of obs. plotted = 1303 Number of outliers = 841
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time

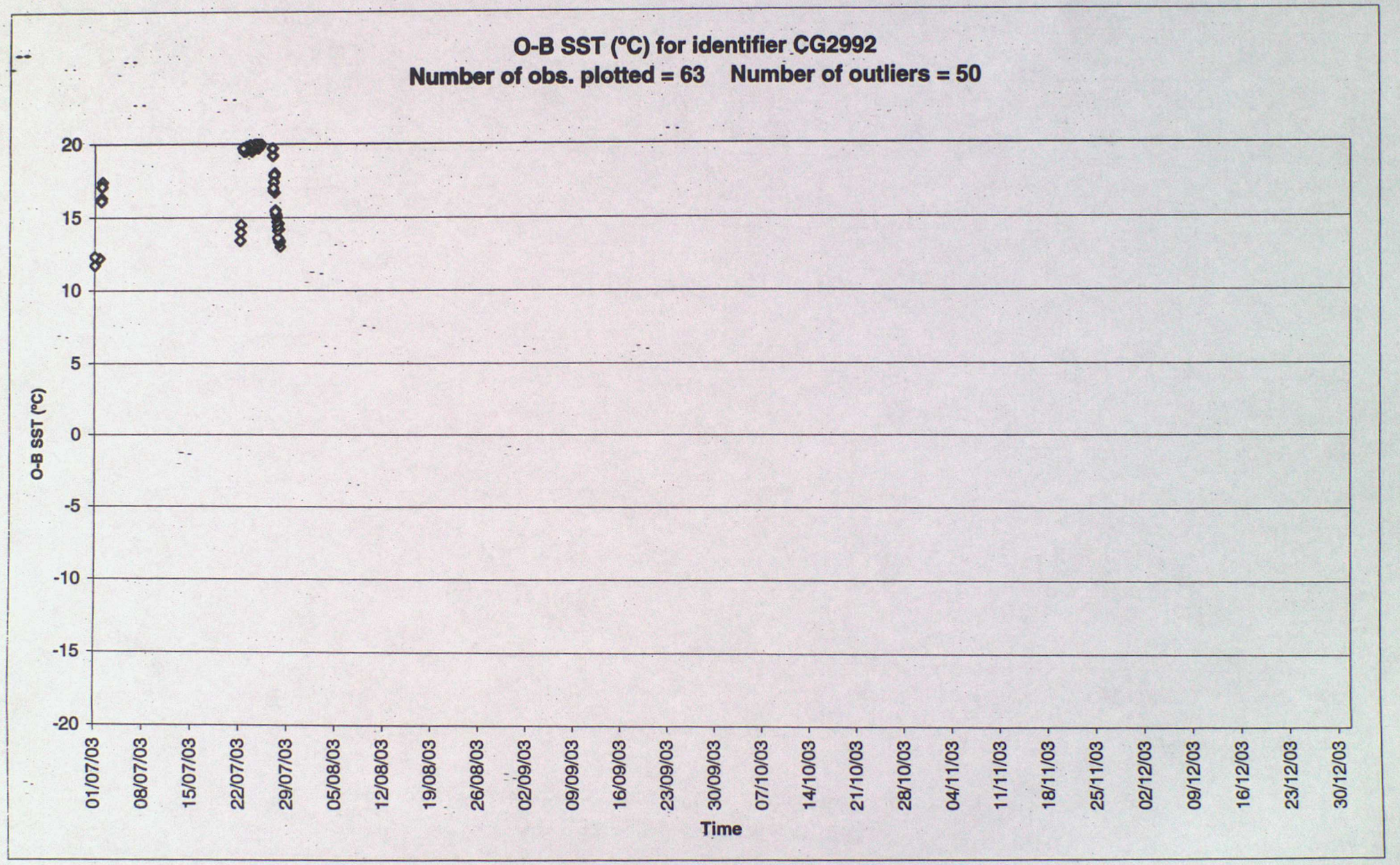
O-B wind direction (degrees) for identifier 46702
Number of obs. plotted = 1639 Number of outliers = 0
O-B wind direction (degrees)
-180
-150
-120
-90
-60
-30
0
30
60
90
120
150
180
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03


O-B wind direction (degrees) for identifier 5WDC
Number of obs. plotted = 84 Number of outliers = 42
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time

O-B wind direction (degrees) for identifier 51023
Number of obs. plotted = 304 Number of outliers = 86
O-B wind direction (degrees)
-90
-75
-60
-45
-30
-15
0
15
30
45
60
75
90
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03


O-B wind direction (degrees) for identifier 9VVU
Number of obs. plotted = 62 Number of outliers = 16
O-B wind direction (degrees)
90
75
60
45
30
15
0
-15
-30
-45
-60
-75
-90
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time

O-B SST (°C) for identifier CG2522
Number of obs. plotted = 204 Number of outliers = 0
O-B SST (°C)
-20
-15
-10
-5
0
5
10
15
20
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03


O-B SST (°C) for identifier CG2992
Number of obs. plotted = 63 Number of outliers = 50
O-B SST (°C)
20
15
10
5
0
-5
-10
-15
-20
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time

O-B SST (°C)
-10
-5
0
5
10
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
O-B SST (°C) for identifier C6IZ7
Number of obs. plotted = 122 Number of outliers = 0

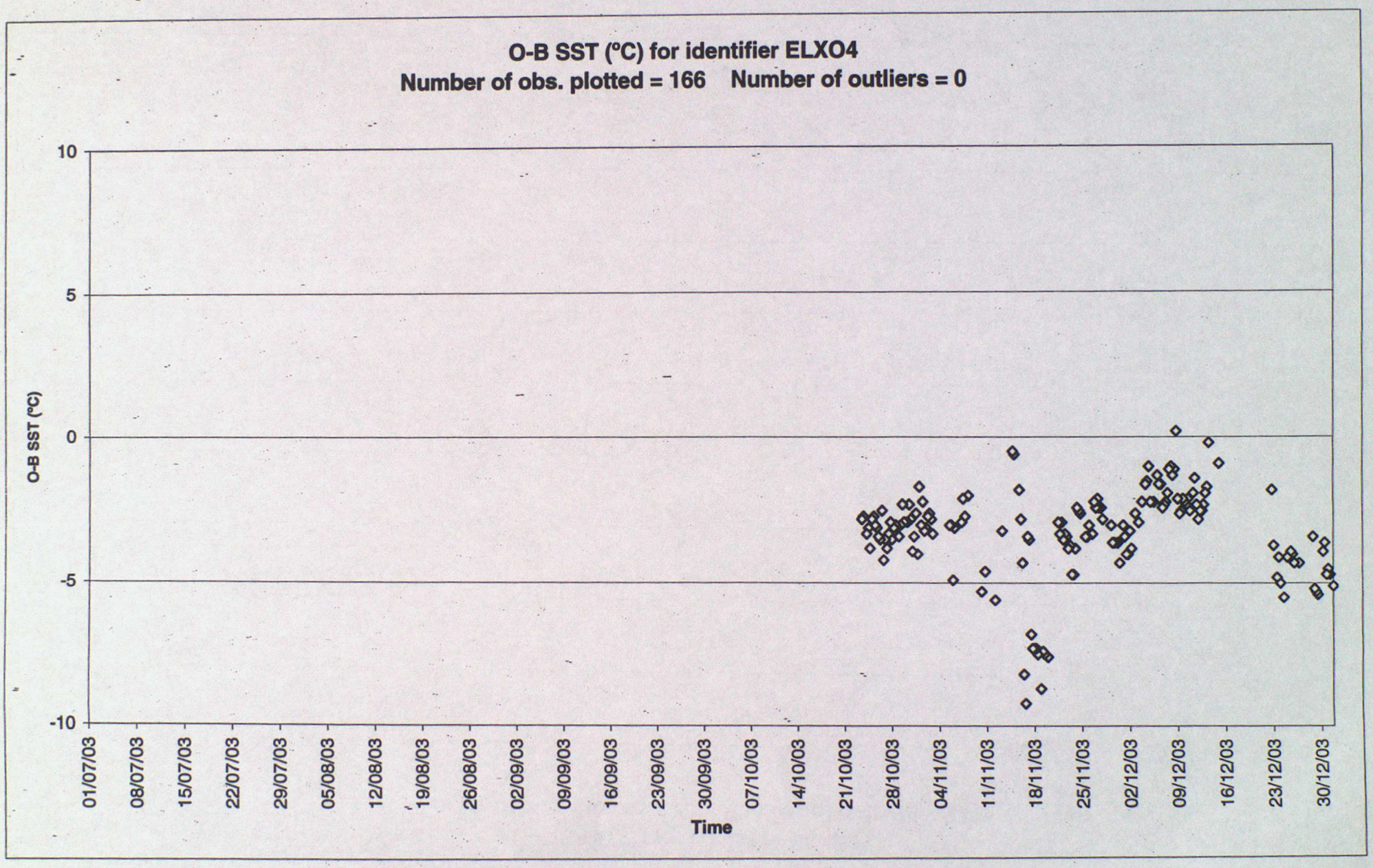
O-B SST (°C) for identifier C6SI4
Number of obs. plotted = 65 Number of outliers = 3
O-B SST (°C)
-10
-5
0
5
10
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03

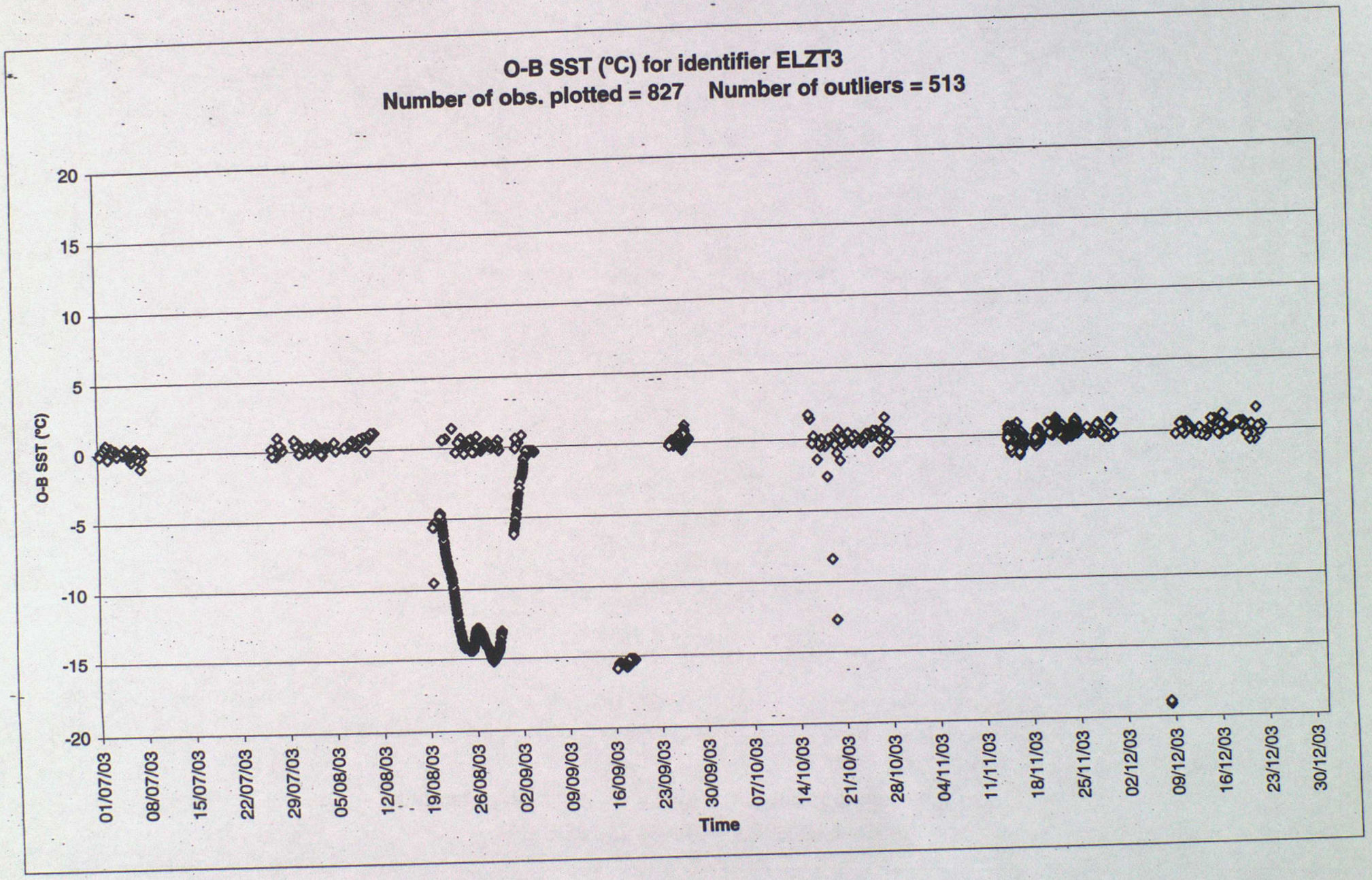
O-B SST (°C) for identifier ELSM9

Number of obs. plotted = 48 Number of outliers = 0

O-B SST (°C) for identifier ELWY3
Number of obs. plotted = 158 Number of outliers = 2
O-B SST (°C)
-10
-5
0
5
10
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03

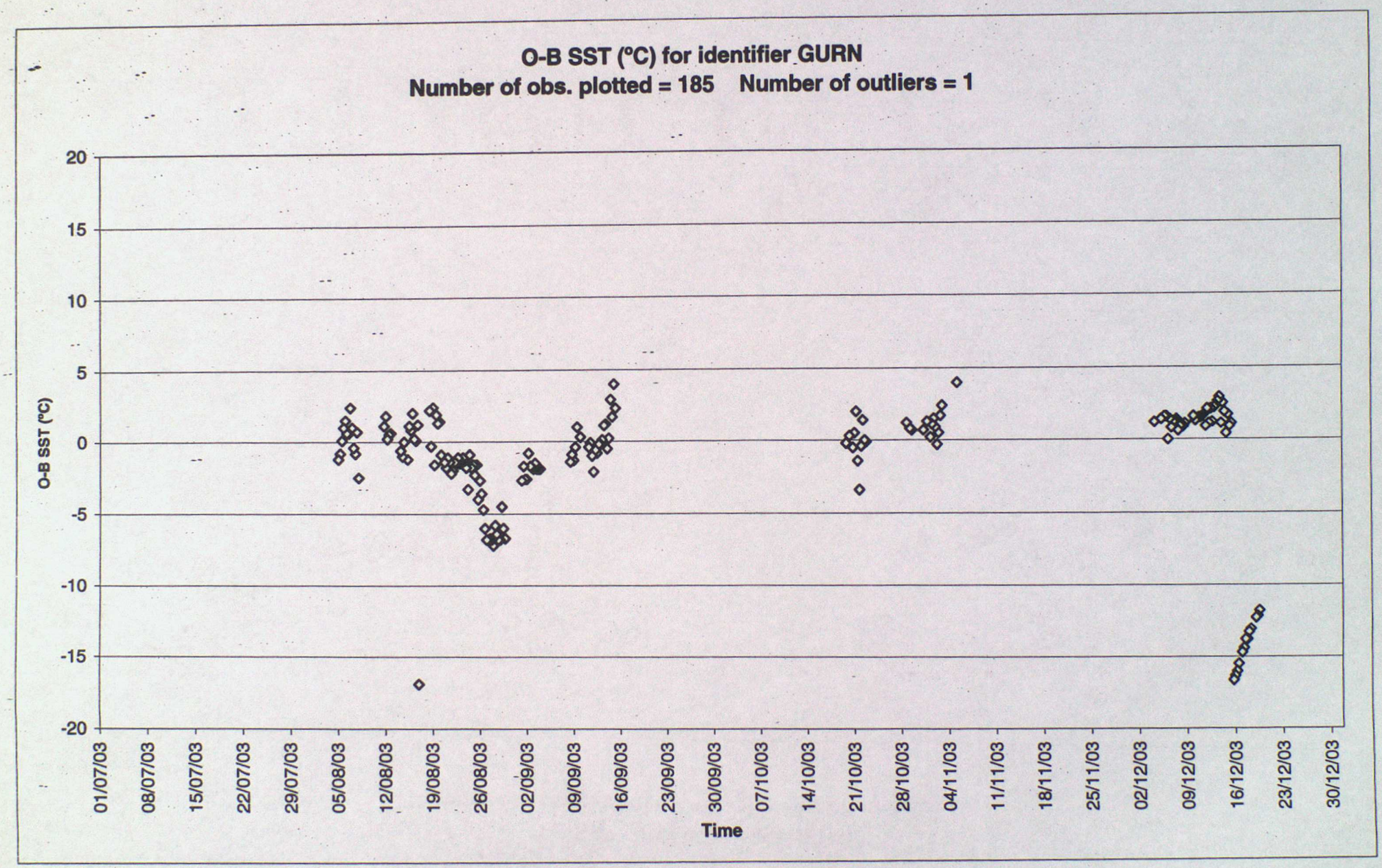
O-B SST (°C) for identifier ELXE2
Number of obs. plotted = 70 Number of outliers = 24
O-B SST (°C)
-20
-15
-10
-5
0
5
10
15
20
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03


O-B SST (°C) for identifier ELXO4
Number of obs. plotted = 166 Number of outliers = 0
O-B SST (°C)
10
5
0
-5
-10
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time


O-B SST (°C) for identifier ELZT3
Number of obs. plotted = 827 Number of outliers = 513
O-B SST (°C)
20
15
10
5
0
-5
-10
-15
-20
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time

O-B SST (°C) for identifier ELZV9
Number of obs. plotted = 156 Number of outliers = 7
O-B SST (°C)
-10
-5
0
5
10
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03

O-B SST (°C) for identifier FNJI
Number of obs. plotted = 447 Number of outliers = 0
O-B SST (°C)
-10
-5
0
5
10
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03


O-B SST (°C) for identifier GURN
Number of obs. plotted = 185 Number of outliers = 1
O-B SST (°C)
20
15
10
5
0
-5
-10
-15
-20
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time

O-B SST (°C) for identifier H3YF
Number of obs. plotted = 117 Number of outliers = 0
O-B SST (°C)
-10
-5
0
5
10
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03

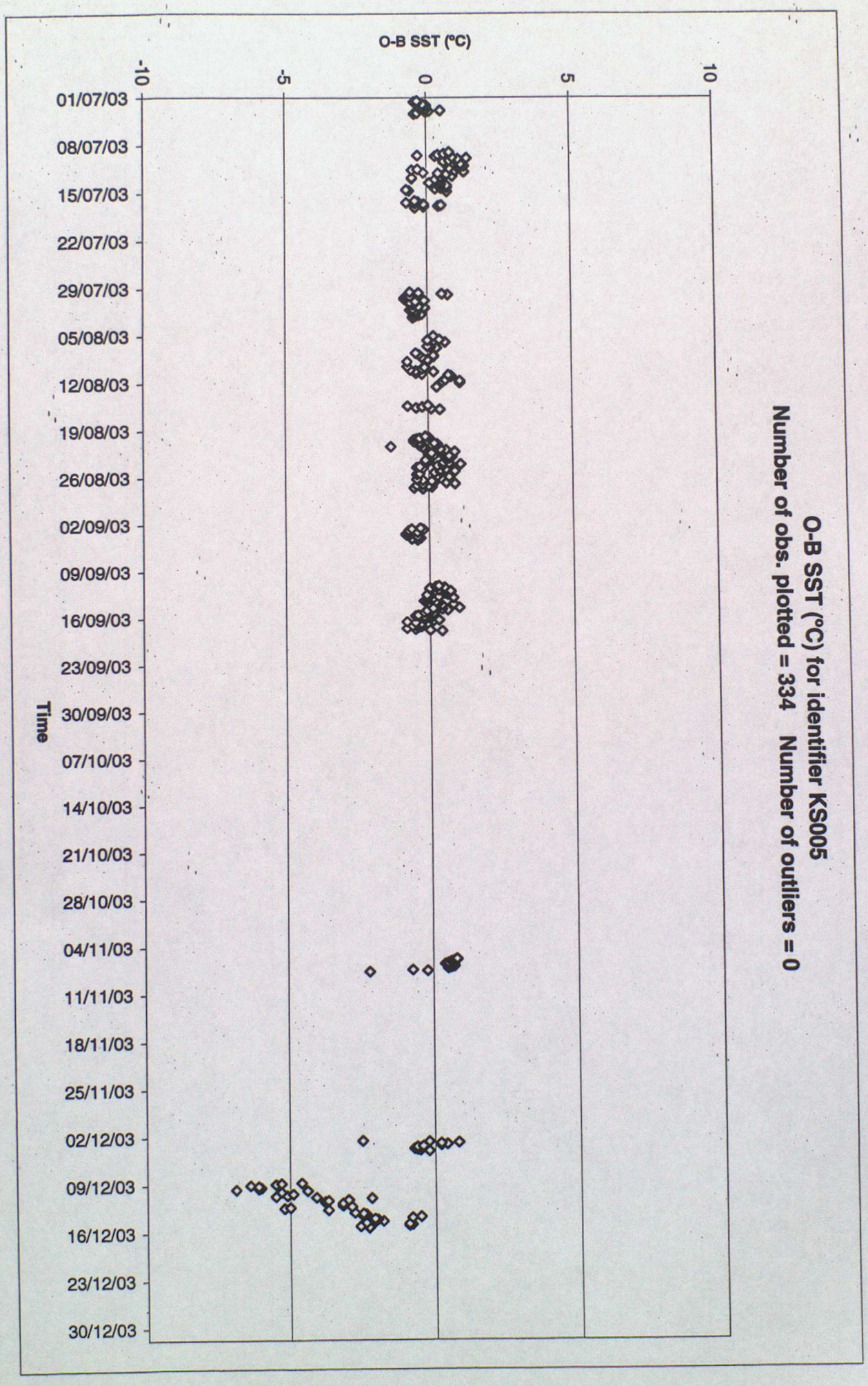
O-B SST (°C) for identifier H9TG
Number of obs. plotted = 74 Number of outliers = 0
O-B SST (°C)
-10
-5
0
5
10
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03

O-B SST (°C) for identifier JKHH
Number of obs. plotted = 389 Number of outliers = 0
O-B SST (°C)
-10
-5
0
5
10
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03

O-B SST (°C) for identifier KAKF
Number of obs. plotted = 46 Number of outliers = 10
O-B SST (°C)
-10
-5
0
5
10
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03

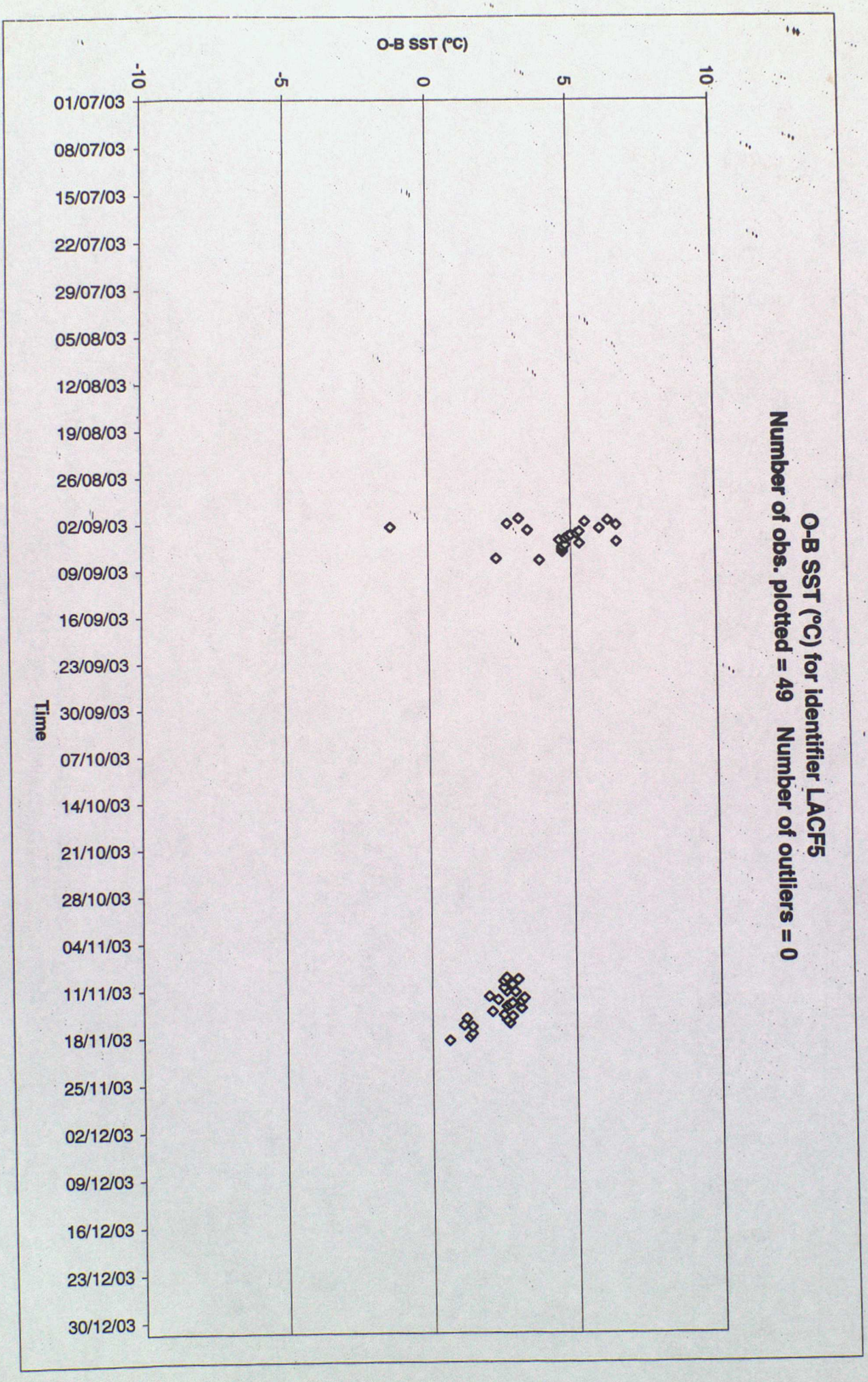
O-B SST (°C) for identifier KRHX
Number of obs. plotted = 270 Number of outliers = 3
O-B SST (°C)
-10
-5
0
5
10
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03

O-B SST (°C) for identifier KRPB
Number of obs. plotted = 247 Number of outliers = 0
O-B SST (°C)
-10
-5
0
5
10
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03


O-B SST (°C)
-10
-5
0
5
10
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
O-B SST (°C) for identifier KS005
Number of obs. plotted = 334 Number of outliers = 0

O-B SST (°C) for identifier KS011
Number of obs. plotted = 944 Number of outliers = 1
O-B SST (°C)
-10
-5
0
5
10
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03

O-B SST (°C) for identifier KS035
Number of obs. plotted = 352 Number of outliers = 1
O-B SST (°C)
-10
-5
0
5
10
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03


O-B SST (°C) for identifier LACF5
Number of obs. plotted = 49 Number of outliers = 0
O-B SST (°C)
-10
-5
0
5
10
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03

O-B SST (°C) for identifier PDZR
Number of obs. plotted = 77 Number of outliers = 1
O-B SST (°C)
-10
-5
0
5
10
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03

O-B SST (°C) for identifier LAJV4
Number of obs. plotted = 234 Number of outliers = 0
O-B SST (°C)
-10
-5
0
5
10
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03

O-B SST (°C) for identifier PFAR
Number of obs. plotted = 138 Number of outliers = 0
O-B SST (°C)
-10
-5
0
5
10
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03

O-B SST (°C) for identifier PGQC
Number of obs. plotted = 41 Number of outliers = 0
O-B SST (°C)
-10
-5
0
5
10
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03

O-B SST (°C) for identifier PHPO
Number of obs. plotted = 290 Number of outliers = 0
O-B SST (°C)
-10
-5
0
5
10
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03

O-B SST (°C) for identifier PHSG
Number of obs. plotted = 88 Number of outliers = 0
O-B SST (°C)
-10
-5
0
5
10
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03

O-B SST (°C)
-10
-5
0
5
10
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time
O-B SST (°C) for identifier PPSV
Number of obs. plotted = 64 Number of outliers = 0

O-B SST (°C) for identifier P3CE9
Number of obs. plotted = 92 Number of outliers = 0
O-B SST (°C)
-10
-5
0
5
10
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03

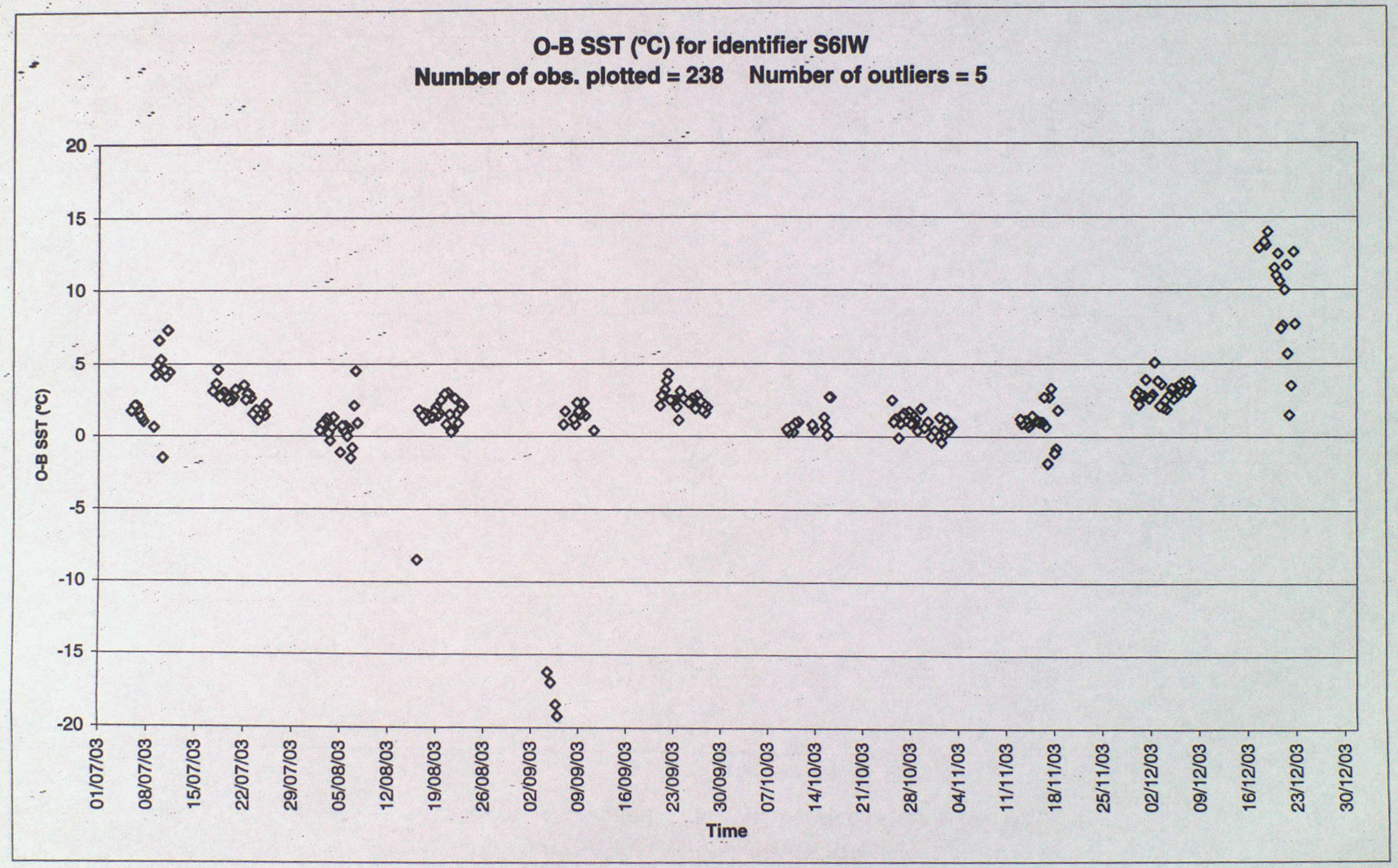
O-B SST (°C) for identifier P3KT8
Number of obs. plotted = 151 Number of outliers = 0
O-B SST (°C)
-10
-5
0
5
10
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03

O-B SST (°C) for identifier P3YS5
Number of obs. plotted = 353 Number of outliers = 0
O-B SST (°C)
-10
-5
0
5
10
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03

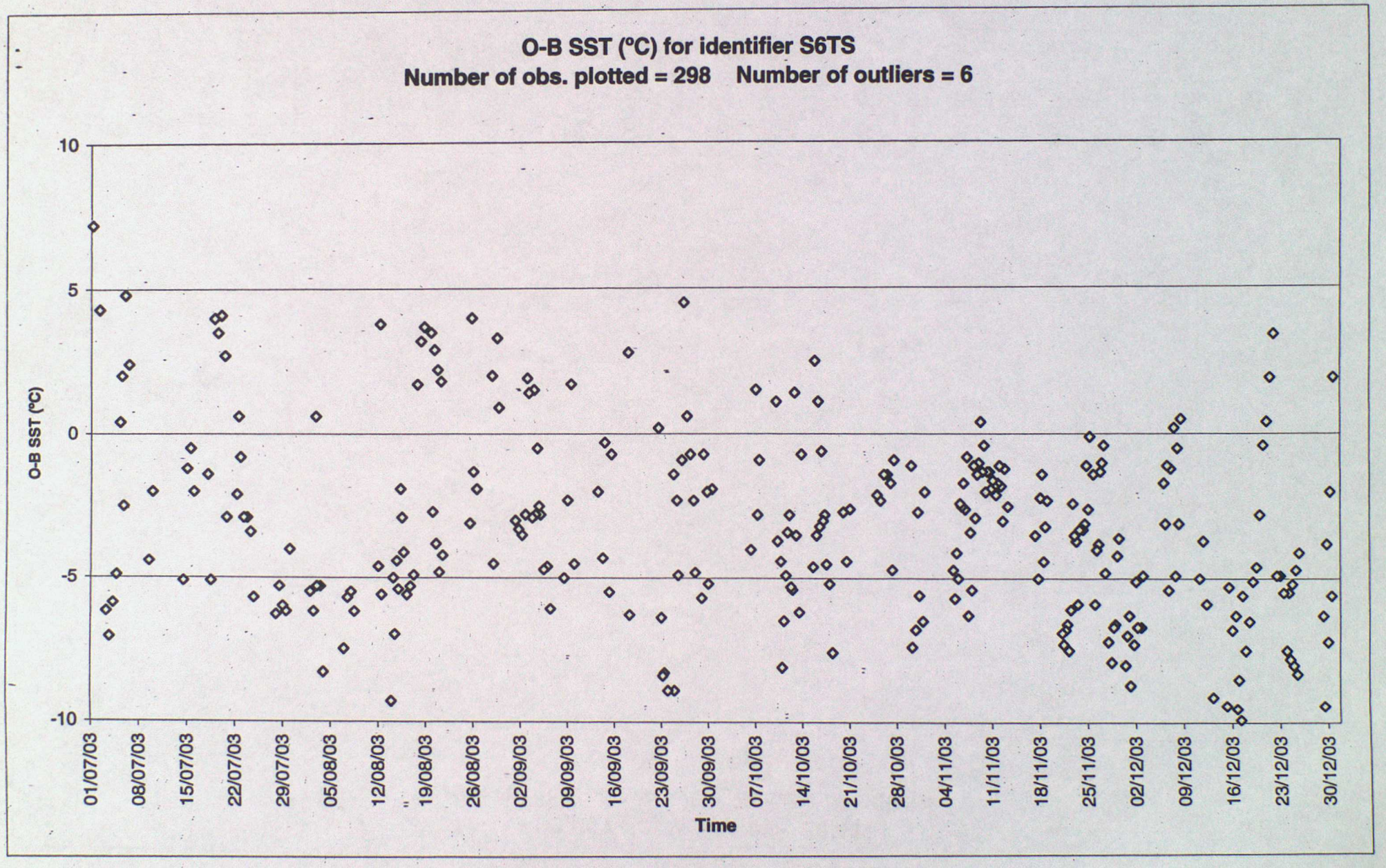
O-B SST (°C) for identifier SHJC
Number of obs. plotted = 157 Number of outliers = 0
O-B SST (°C)
-10
-5
0
5
10
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03

O-B SST (°C) for identifier SLCH
Number of obs. plotted = 108 Number of outliers = 1
O-B SST (°C)
-10
-5
0
5
10
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03

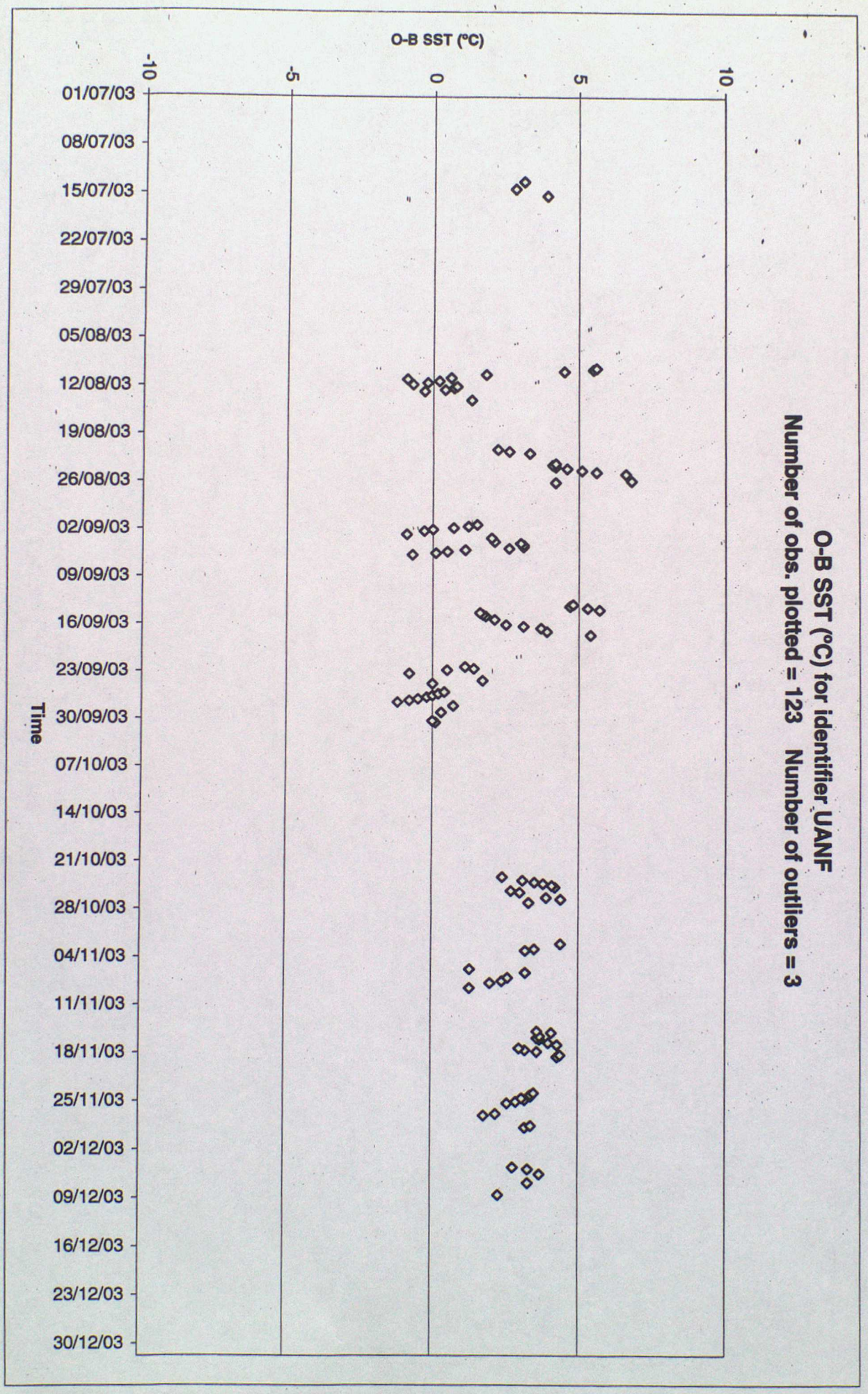
O-B SST (°C) for identifier S6HU4
Number of obs. plotted = 71 Number of outliers = 10
O-B SST (°C)
-10
-5
0
5
10
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03


O-B SST (°C) for identifier S6IW
Number of obs. plotted = 238 Number of outliers = 5
O-B SST (°C)
20
15
10
5
0
-5
-10
-15
-20
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time

O-B SST (°C) for identifier S6MJ
Number of obs. plotted = 41 Number of outliers = 2
O-B SST (°C)
-10
-5
0
5
10
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03


O-B SST (°C) for identifier S6TS
Number of obs. plotted = 298 Number of outliers = 6
O-B SST (°C)
10
5
0
-5
-10
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time

O-B SST (°C) for identifier TSLN
Number of obs. plotted = 515 Number of outliers = 0
O-B SST (°C)
-10
-5
0
5
10
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03


O-B SST (°C)
-10
-5
0
5
10
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time
O-B SST (°C) for identifier UANF
Number of obs. plotted = 123 Number of outliers = 3

O-B SST (°C)
-10
-5
0
5
10
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
O-B SST (°C) for identifier UCAB
Number of obs. plotted = 75 Number of outliers = 0

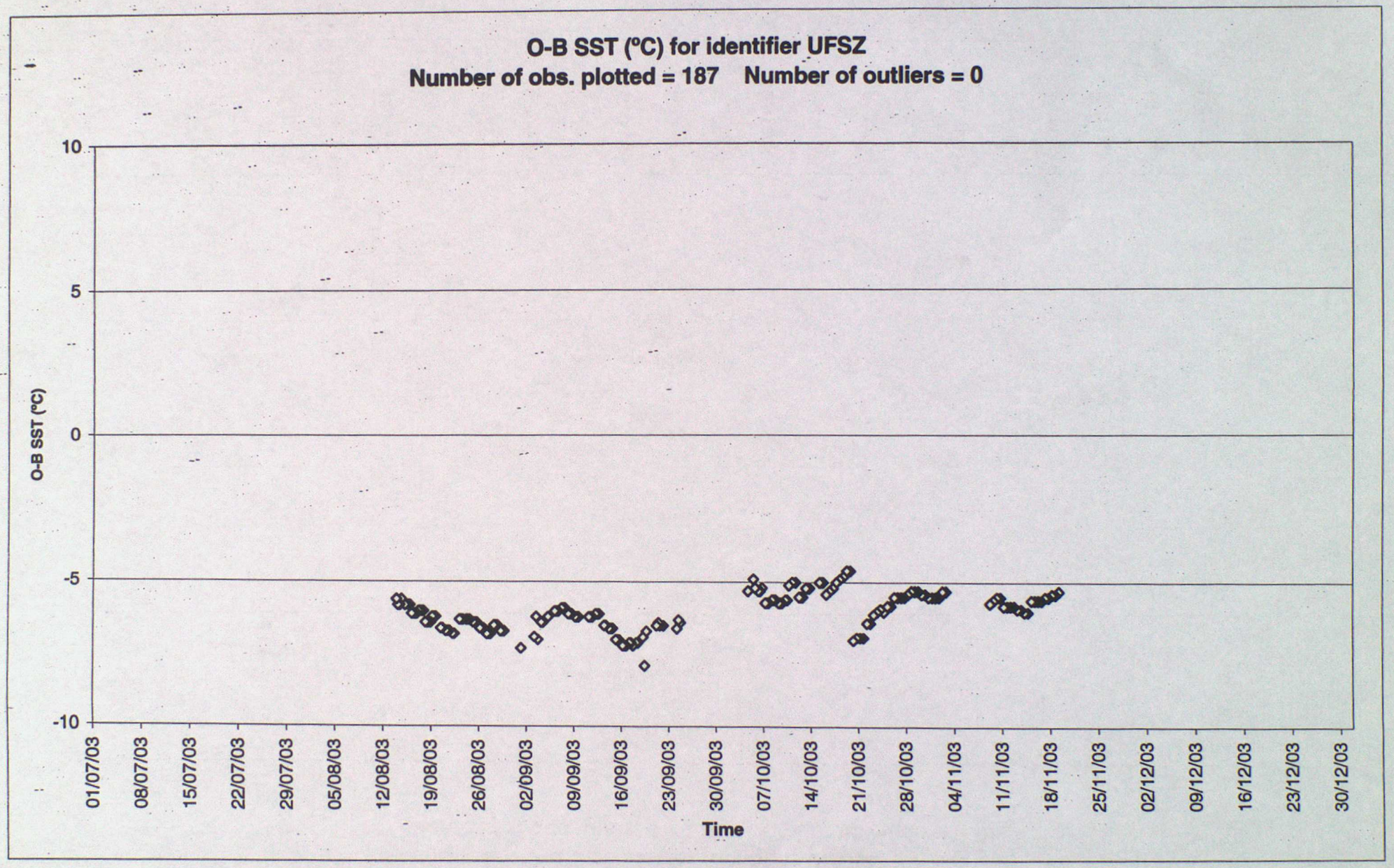
O-B SST (°C) for identifier UCBM
Number of obs. plotted = 291 Number of outliers = 0
O-B SST (°C)
-10
-5
0
5
10
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03

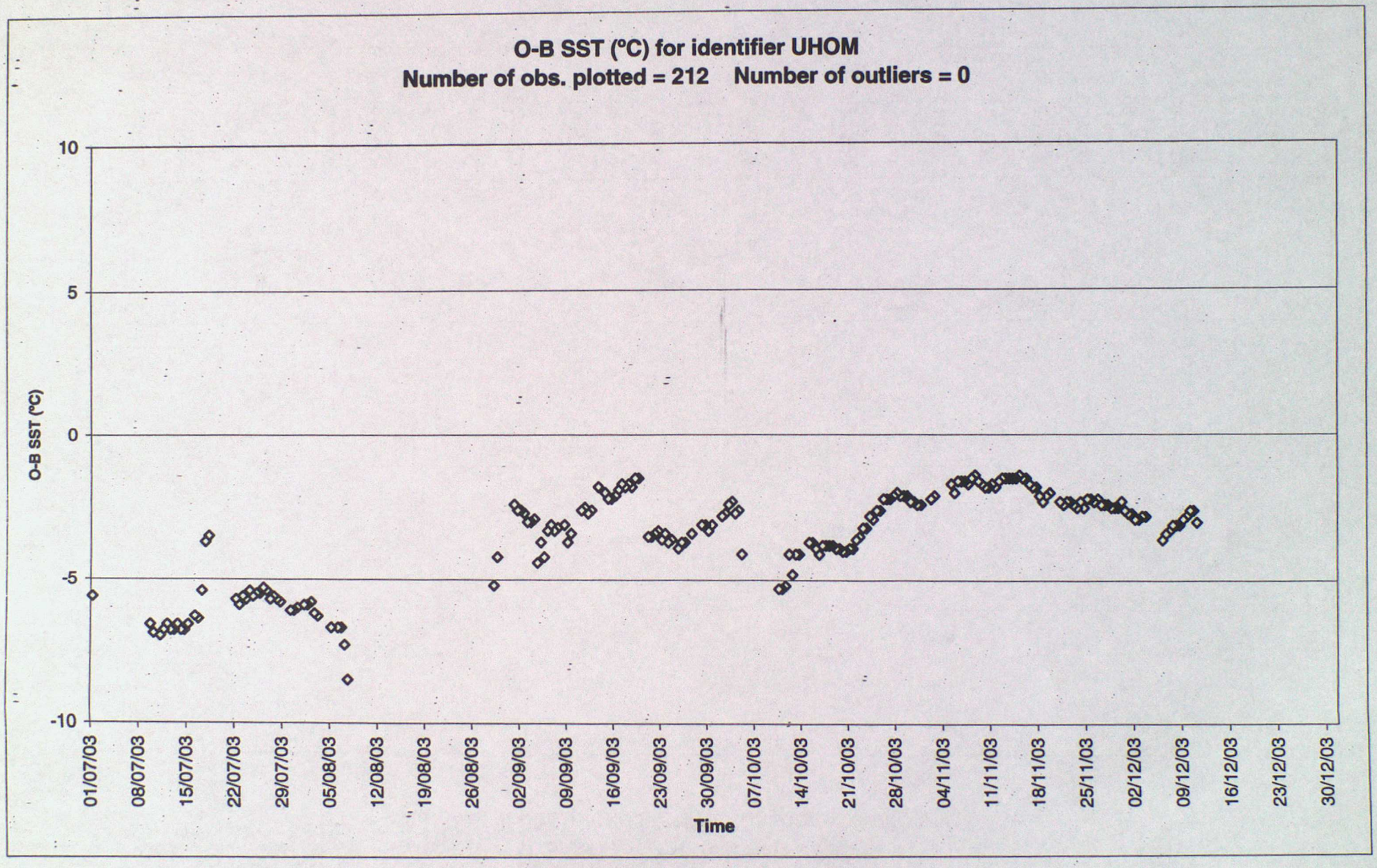
O-B SST (°C) for identifier UCJB
Number of obs. plotted = 172 Number of outliers = 0
O-B SST (°C)
-10
-5
0
5
10
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03

O-B SST (°C) for identifier UCJI
Number of obs. plotted = 83 Number of outliers = 2
O-B SST (°C)
-10
-5
0
5
10
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03

O-B SST (°C) for identifier UCON
Number of obs. plotted = 173 Number of outliers = 4
O-B SST (°C)
-10
-5
0
5
10
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03

O-B SST (°C) for identifier UFHG
Number of obs. plotted = 137 Number of outliers = 1
O-B SST (°C)
-10
-5
0
5
10
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03

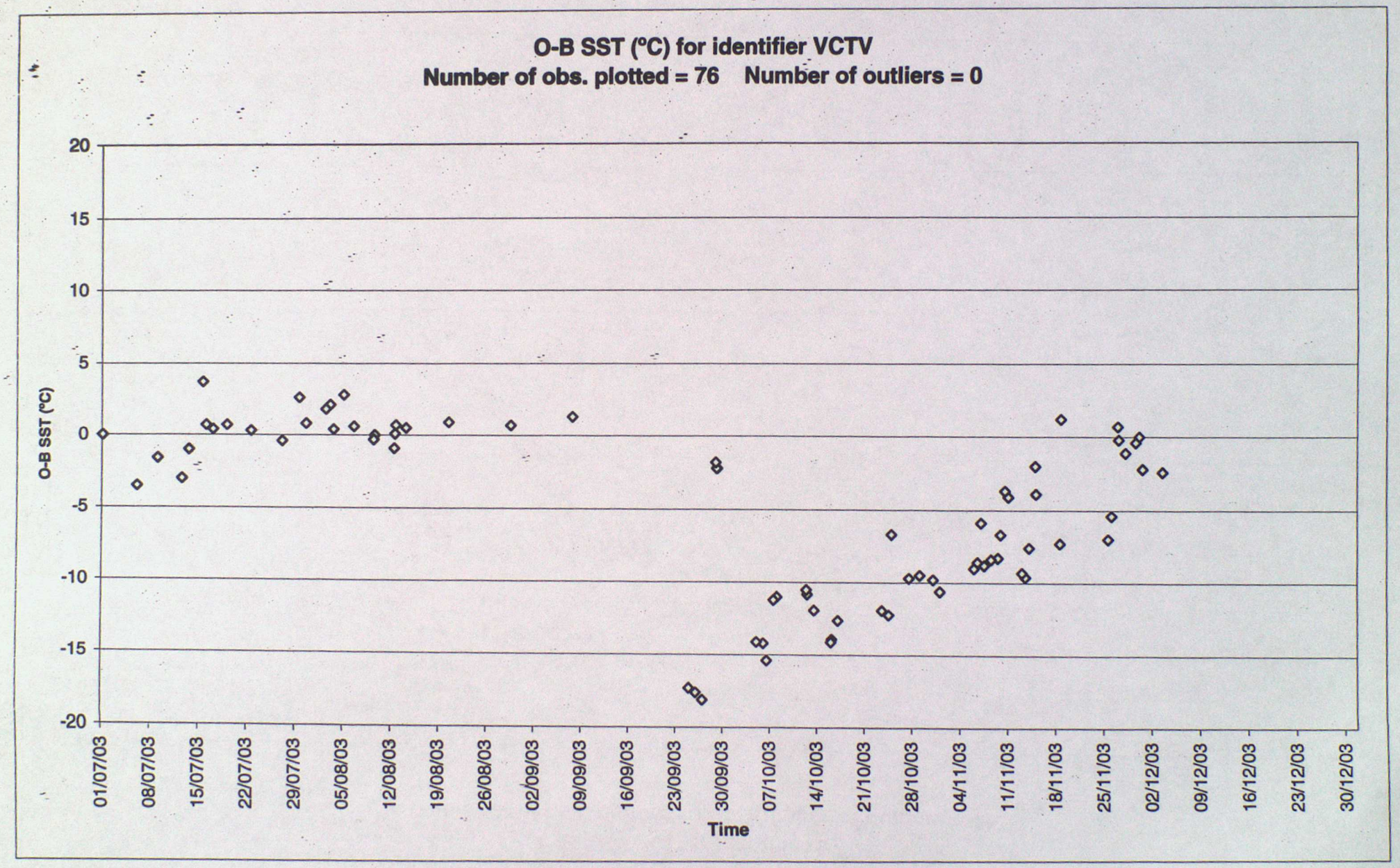

O-B SST (°C) for identifier UFSZ
Number of obs. plotted = 187 Number of outliers = 0
O-B SST (°C)
10
5
0
-5
-10
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time


O-B SST (°C) for identifier UHOM
Number of obs. plotted = 212 Number of outliers = 0
O-B SST (°C)
10
5
0
-5
-10
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time

O-B SST (°C) for identifier UHRT
Number of obs. plotted = 204 Number of outliers = 1
O-B SST (°C)
-10
-5
0
5
10
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03

O-B SST (°C) for identifier UHVW
Number of obs. plotted = 107 Number of outliers = 0
O-B SST (°C)
-10
-5
0
5
10
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03

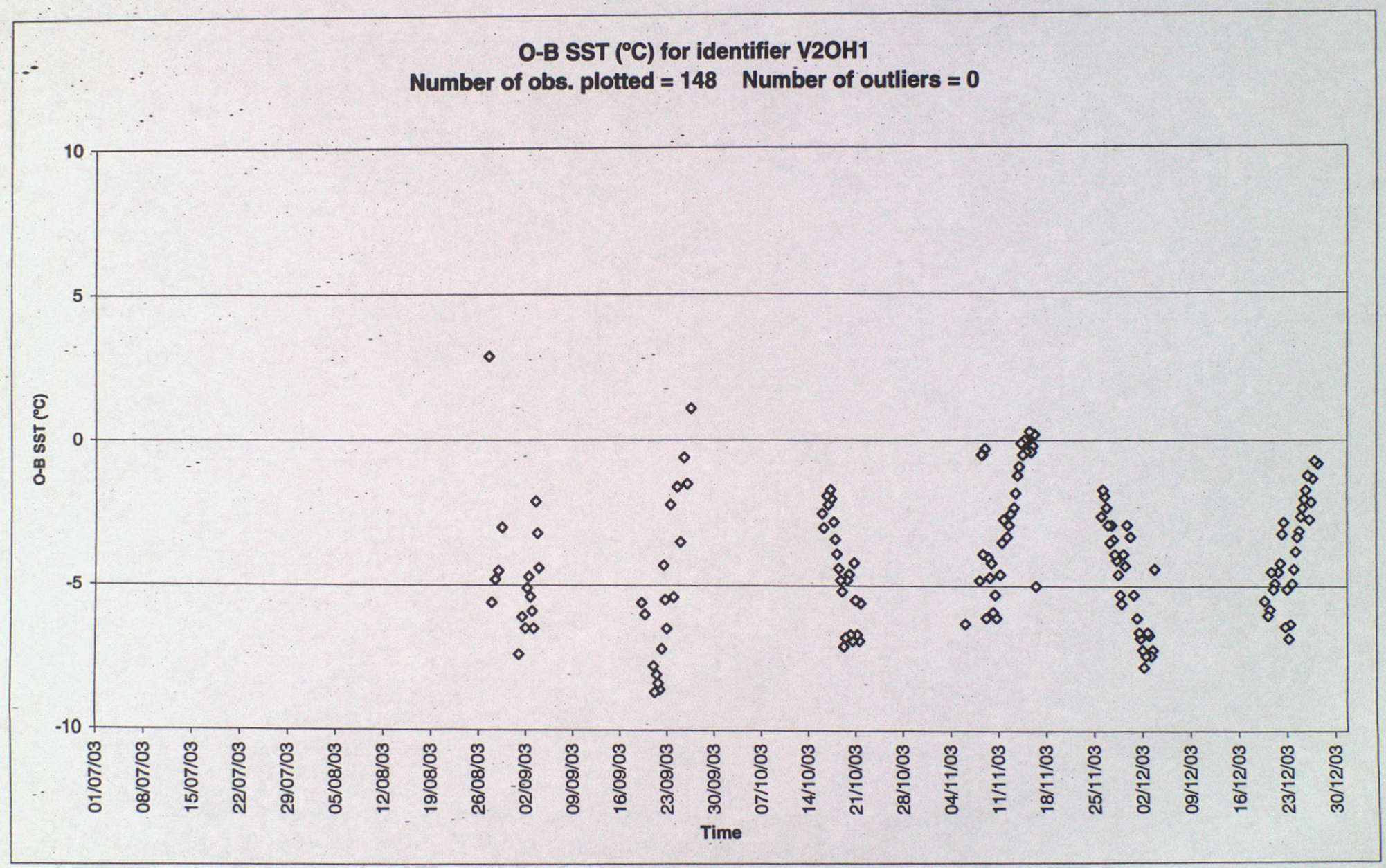
O-B SST (°C) for identifier UINM
Number of obs. plotted = 89 Number of outliers = 0
O-B SST (°C)
-10
-5
0
5
10
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03


O-B SST (°C) for identifier VCTV
Number of obs. plotted = 76 Number of outliers = 0
O-B SST (°C)
20
15
10
5
0
-5
-10
-15
-20
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time

O-B SST (°C) for identifier VJRB
Number of obs. plotted = 57 Number of outliers = 1
O-B SST (°C)
-10
-5
0
5
10
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03

O-B SST (°C) for identifier VRXR5
Number of obs. plotted = 64 Number of outliers = 0
O-B SST (°C)
-10
-5
0
5
10
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03

O-B SST (°C) for identifier V2AM5
Number of obs. plotted = 41 Number of outliers = 0
O-B SST (°C)
-10
-5
0
5
10
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03


O-B SST (°C) for identifier V2OH1
Number of obs. plotted = 148 Number of outliers = 0
O-B SST (°C)
10
5
0
-5
-10
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time

O-B SST (°C) for identifier V2PK
Number of obs. plotted = 102 Number of outliers = 2
O-B SST (°C)
-10
-5
0
5
10
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03

O-B SST (°C) for identifier V7DN3
Number of obs. plotted = 234 Number of outliers = 0
O-B SST (°C)
-10
-5
0
5
10
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03

O-B SST (°C)
-10
-5
0
5
10
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time
O-B SST (°C) for identifier V7DP7
Number of obs. plotted = 54 Number of outliers = 2

O-B SST (°C) for identifier WAAH
Number of obs. plotted = 304 Number of outliers = 0
O-B SST (°C)
-10
-5
0
5
10
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03

O-B SST (°C) for identifier WCZ5528
Number of obs. plotted = 241 Number of outliers = 2
O-B SST (°C)
-10
-5
0
5
10
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03

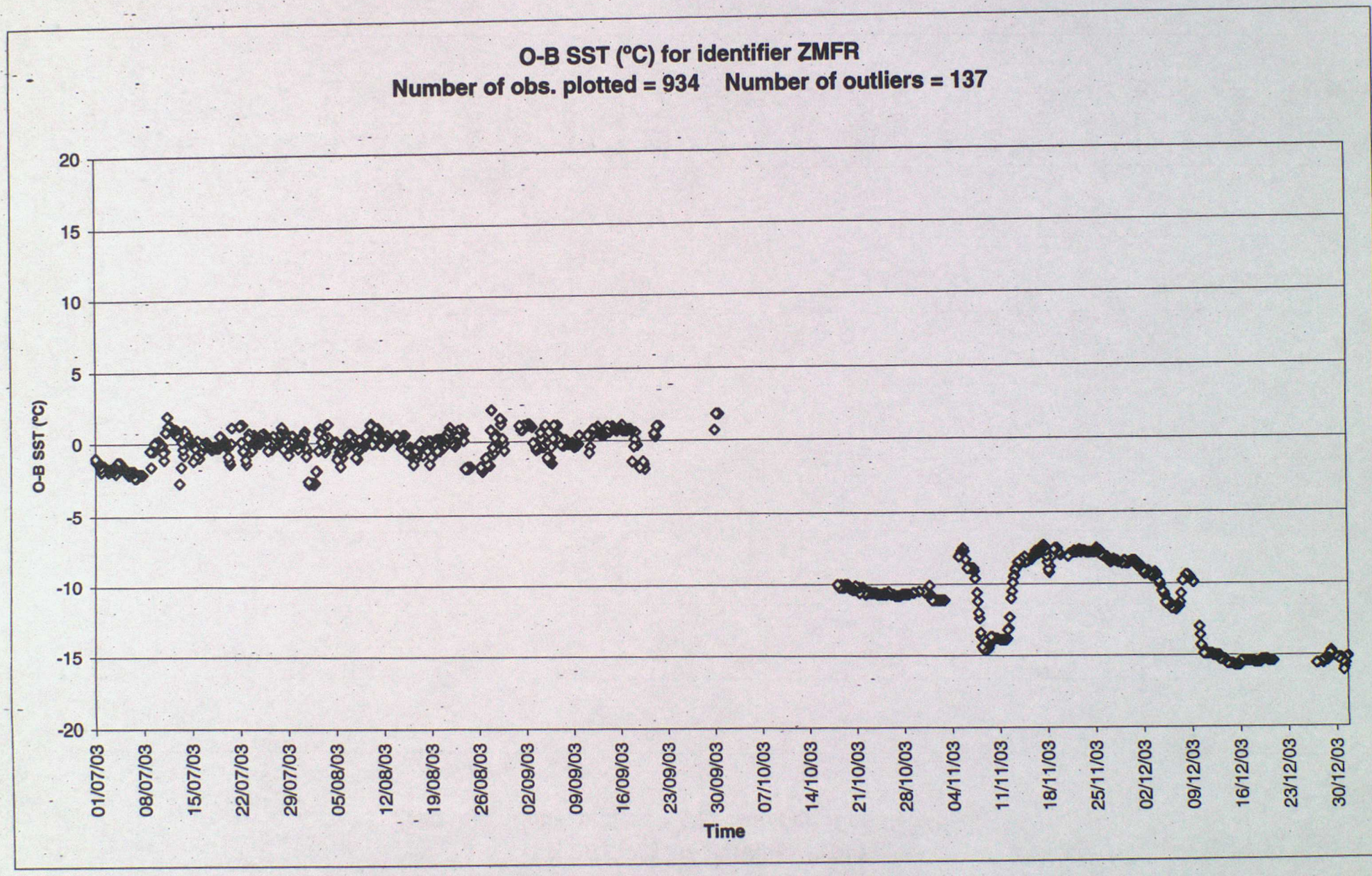
O-B SST (°C) for identifier WCZ9380
Number of obs. plotted = 42 Number of outliers = 0
O-B SST (°C)
-10
-5
0
5
10
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03

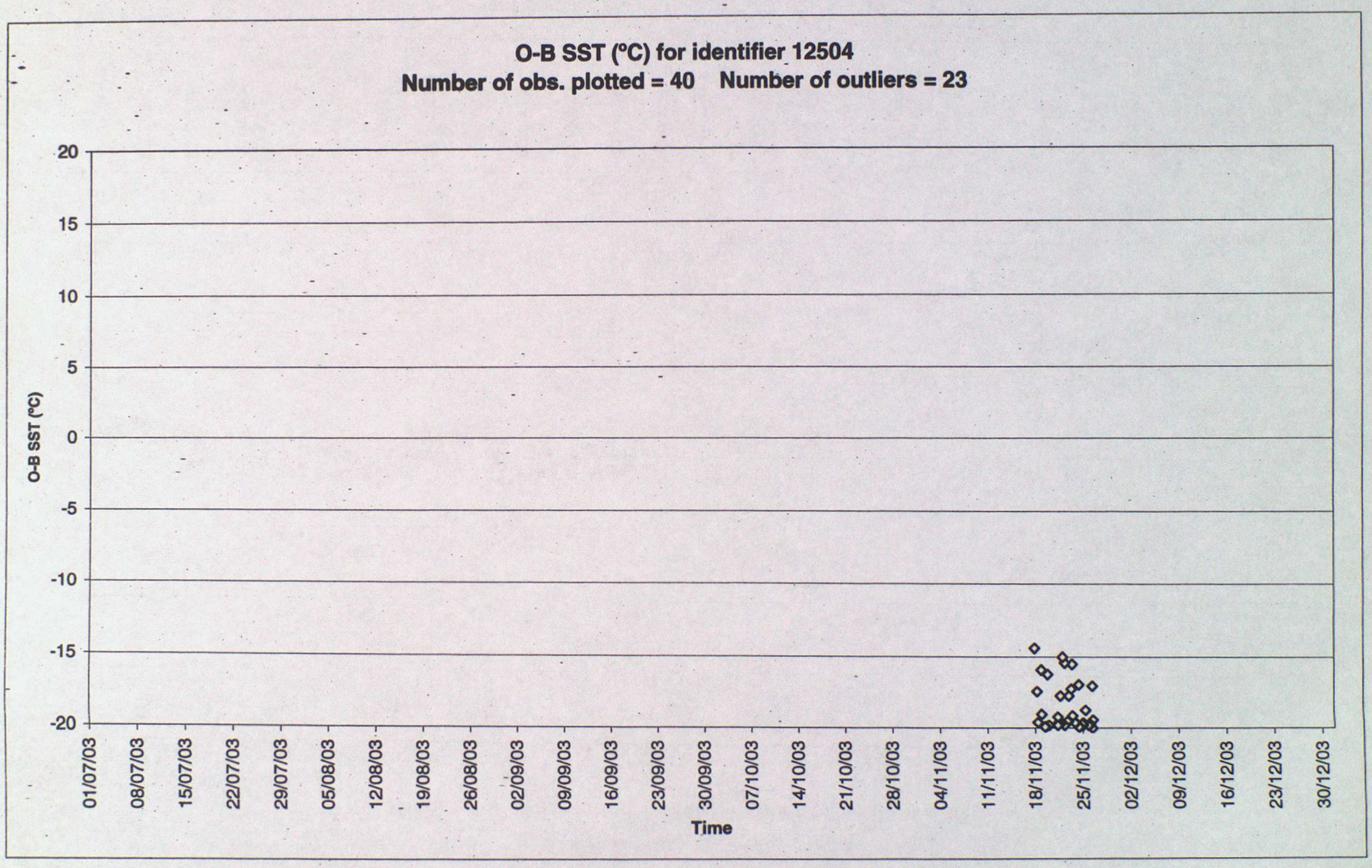
O-B SST (°C) for identifier WRZU
Number of obs. plotted = 41 Number of outliers = 0
O-B SST (°C)
-10
-5
0
5
10
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03

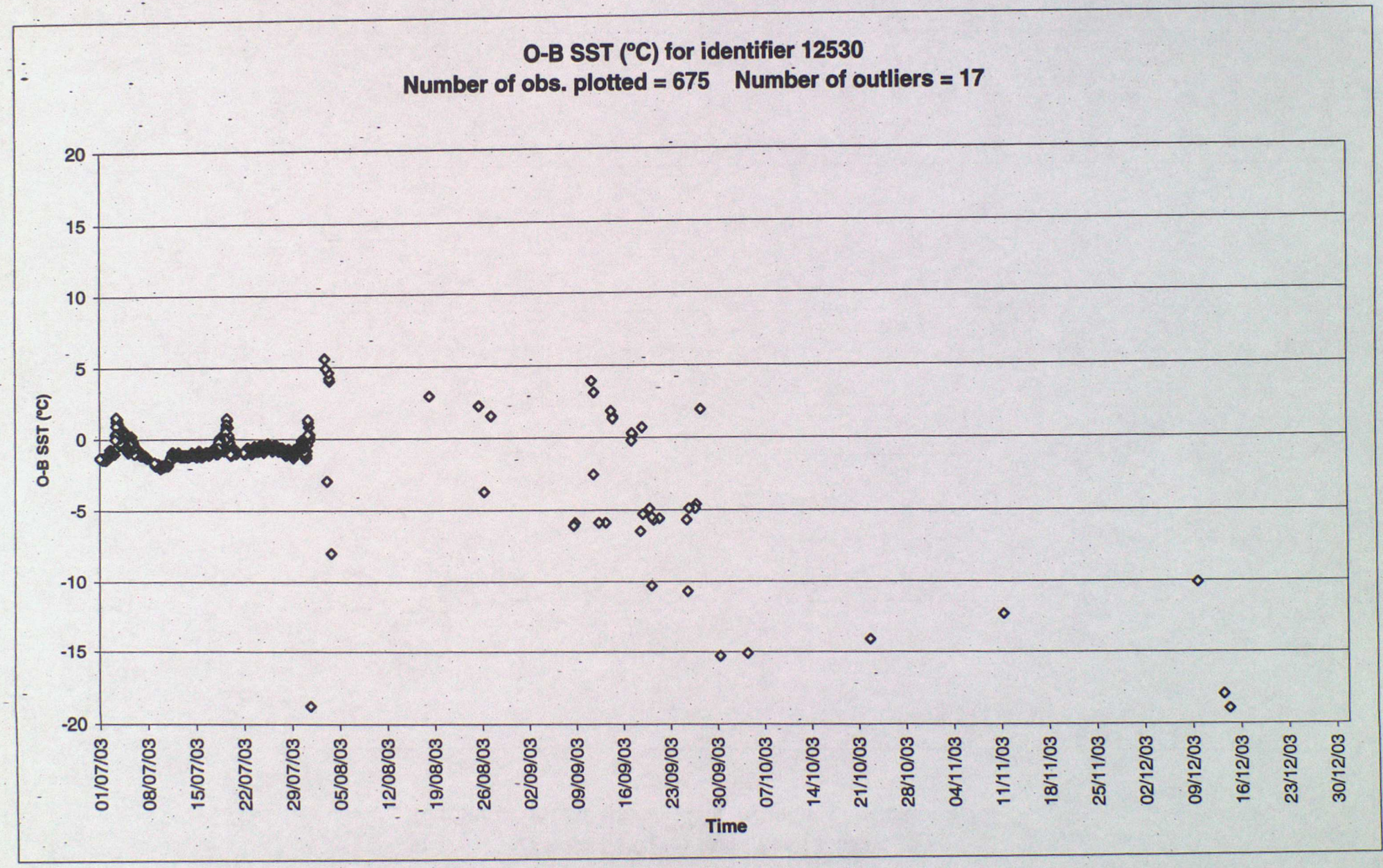
O-B SST (°C) for identifier ZCBQ2
Number of obs. plotted = 107 Number of outliers = 3
O-B SST (°C)
-10
-5
0
5
10
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03

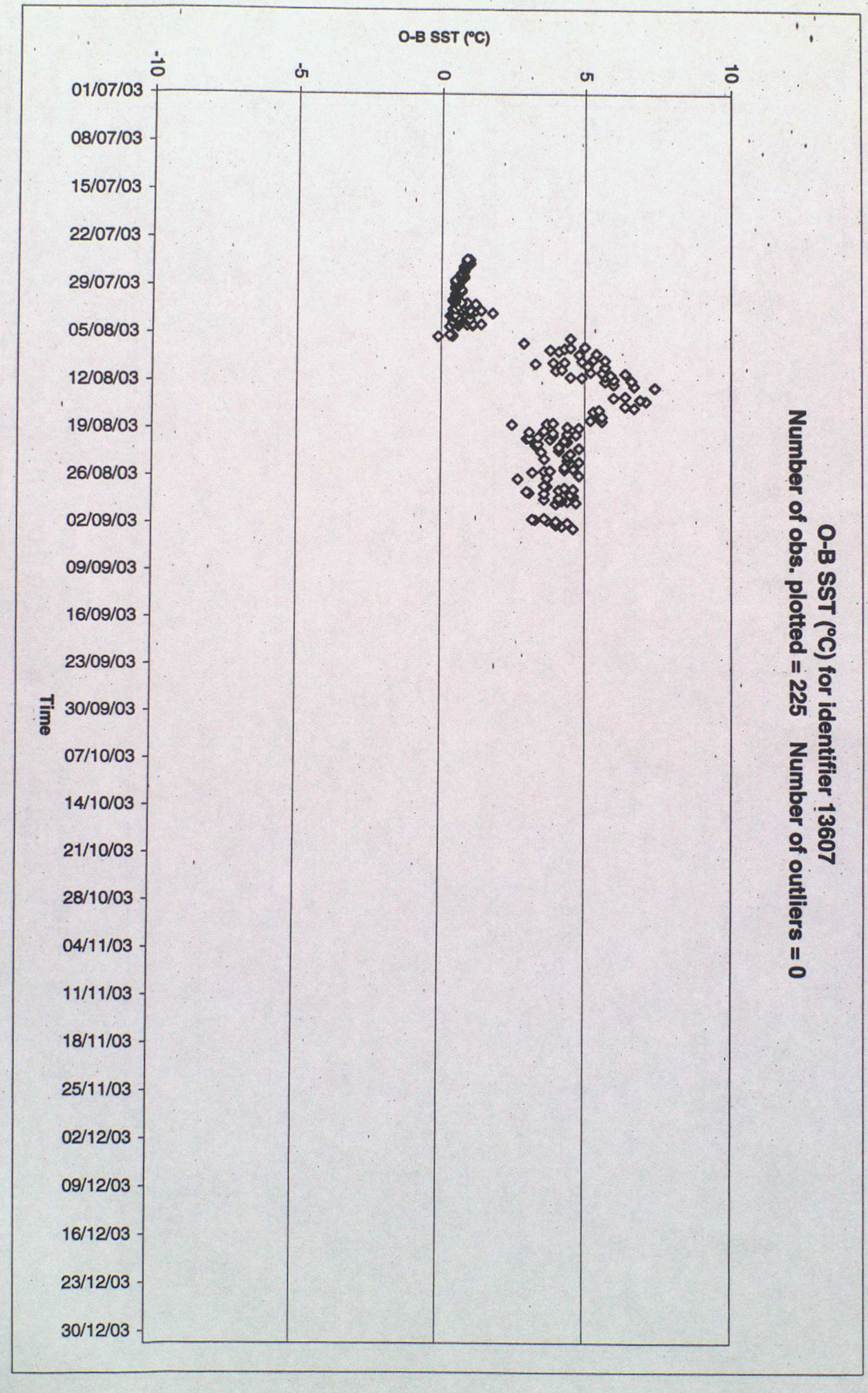
O-B SST (°C) for identifier ZCBU5
Number of obs. plotted = 115 Number of outliers = 0
O-B SST (°C)
-10
-5
0
5
10
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03

O-B SST (°C) for identifier ZCDH7
Number of obs. plotted = 67 Number of outliers = 0
O-B SST (°C)
-10
-5
0
5
10
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03

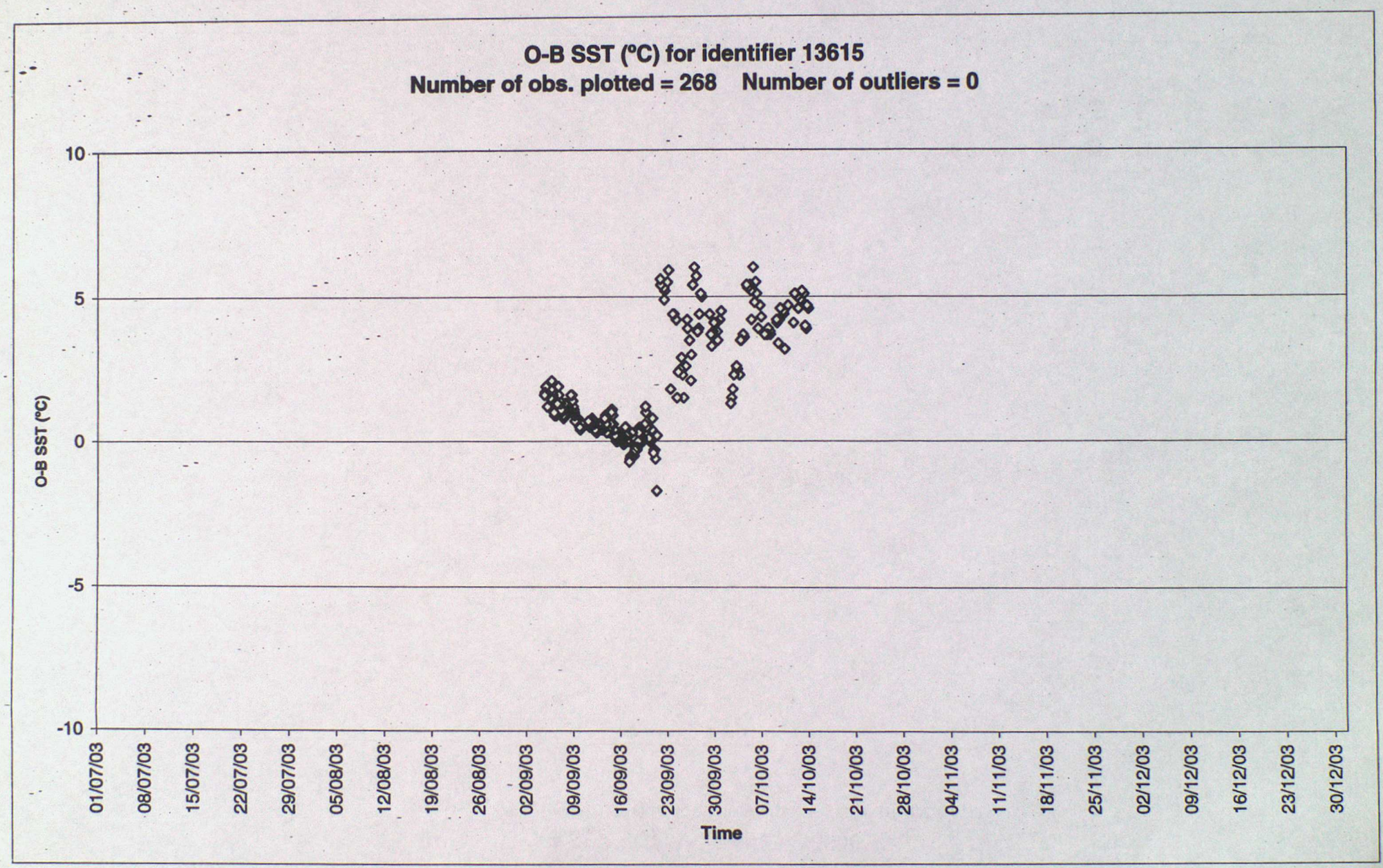

O-B SST (°C) for identifier ZMFR
Number of obs. plotted = 934 Number of outliers = 137
O-B SST (°C)
20
15
10
5
0
-5
-10
-15
-20
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time


O-B SST (°C) for identifier 12504
Number of obs. plotted = 40 Number of outliers = 23
O-B SST (°C)
20
15
10
5
0
-5
-10
-15
-20
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time


O-B SST (°C) for identifier 12530
Number of obs. plotted = 675 Number of outliers = 17
O-B SST (°C)
20
15
10
5
0
-5
-10
-15
-20
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time

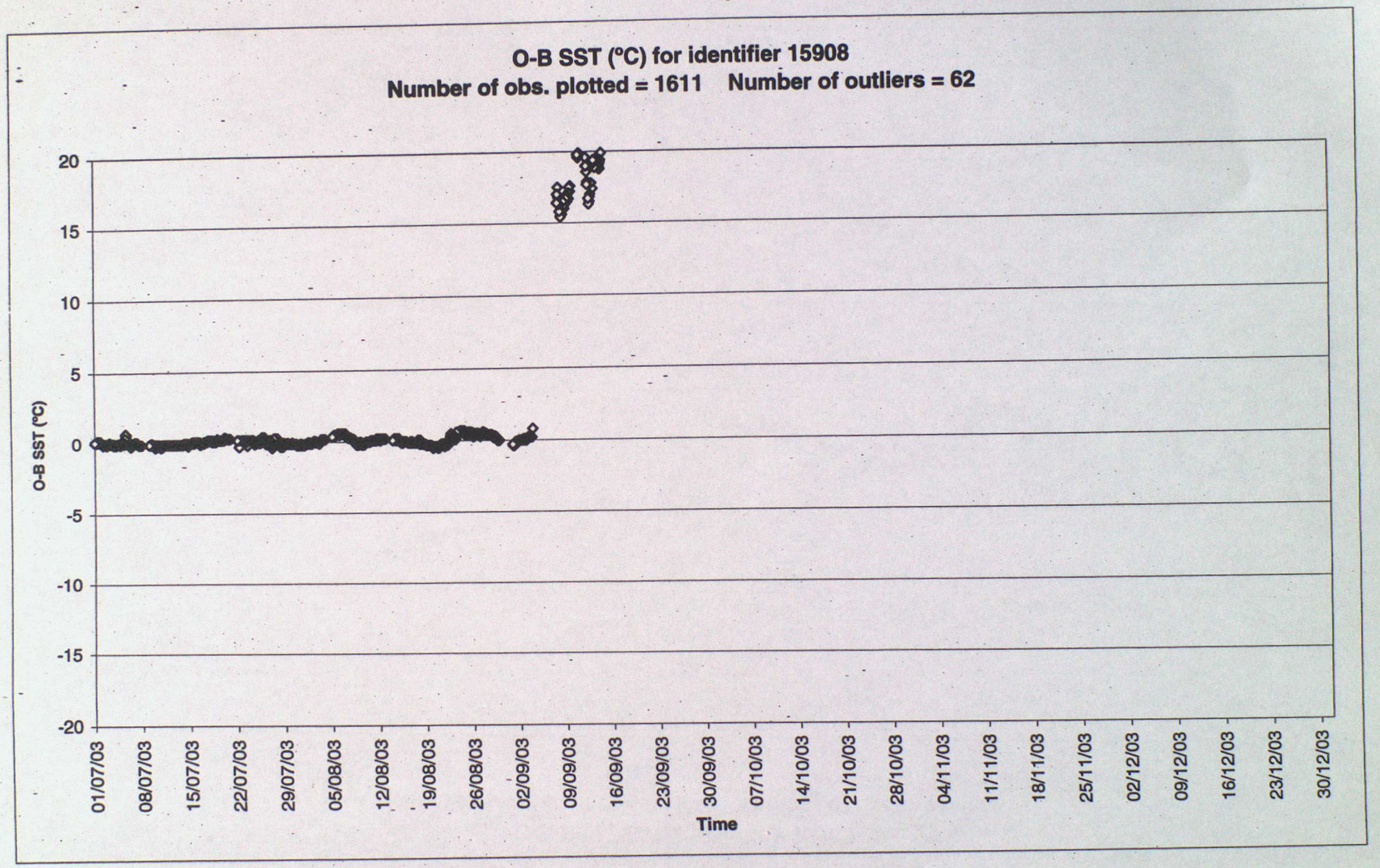

O-B SST (°C)
-10
-5
0
5
10
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
O-B SST (°C) for identifier 13607
Number of obs. plotted = 225 Number of outliers = 0

O-B SST (°C) for identifier 13609
Number of obs. plotted = 1230 Number of outliers = 0
O-B SST (°C)
-10
-5
0
5
10
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03


O-B SST (°C) for identifier 13615
Number of obs. plotted = 268 Number of outliers = 0
O-B SST (°C)
10
5
0
-5
-10
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time

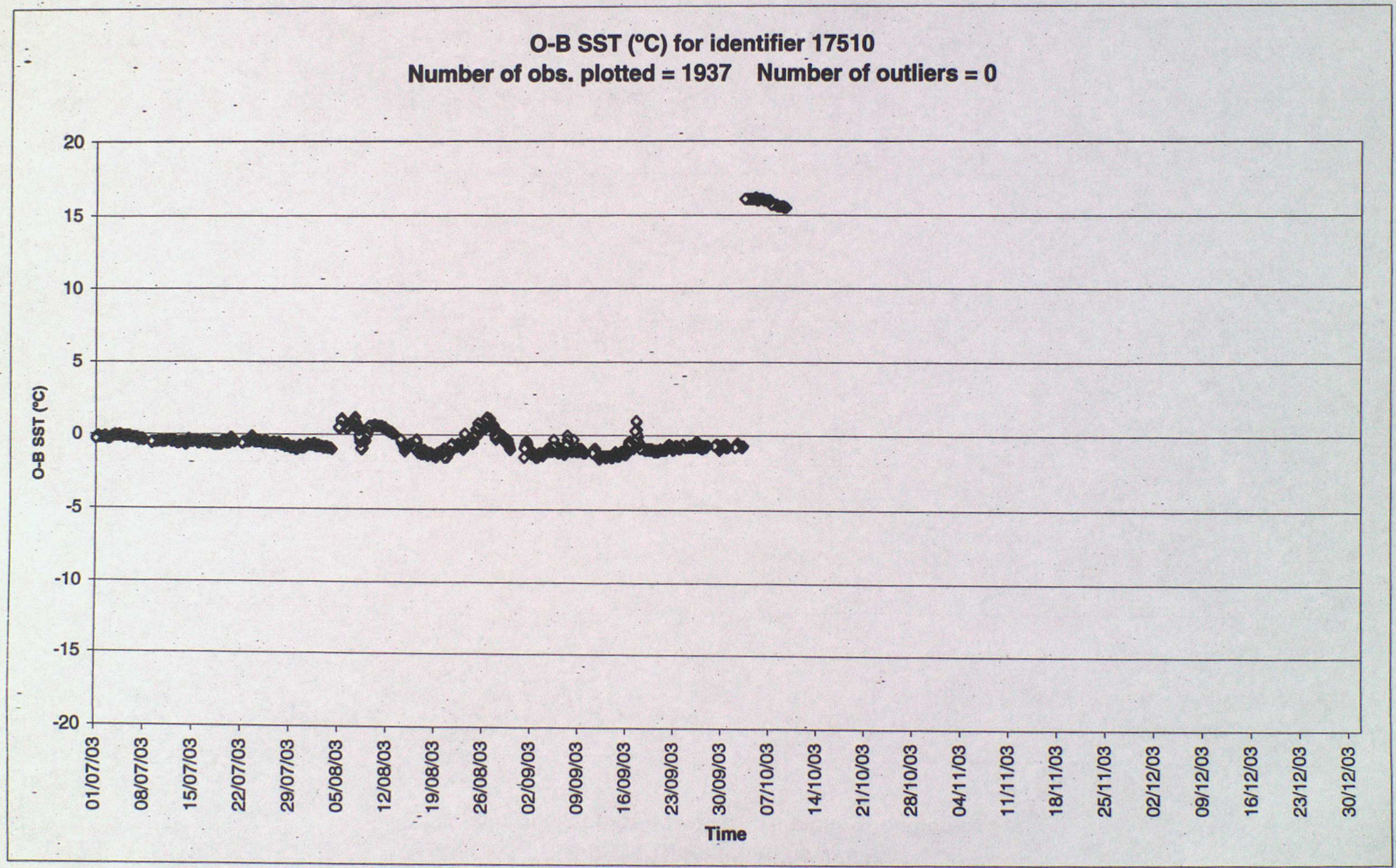
O-B SST (°C) for identifier 13938
Number of obs. plotted = 109 Number of outliers = 4
O-B SST (°C)
-20
-15
-10
-5
0
5
10
15
20
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03

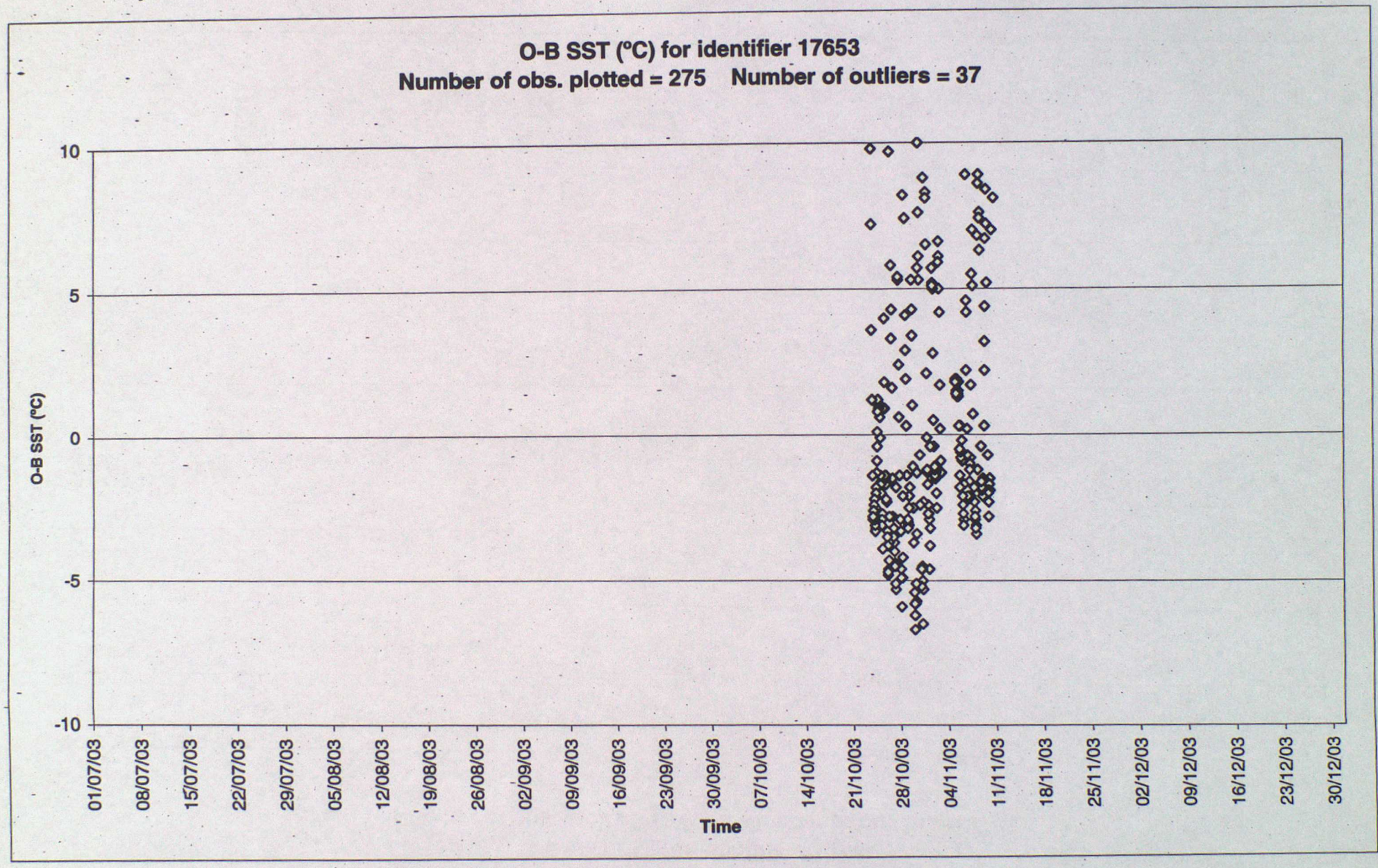
O-B SST (°C) for identifier 14918
Number of obs. plotted = 85 Number of outliers = 0
O-B SST (°C)
-20
-15
-10
-5
0
5
10
15
20
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03

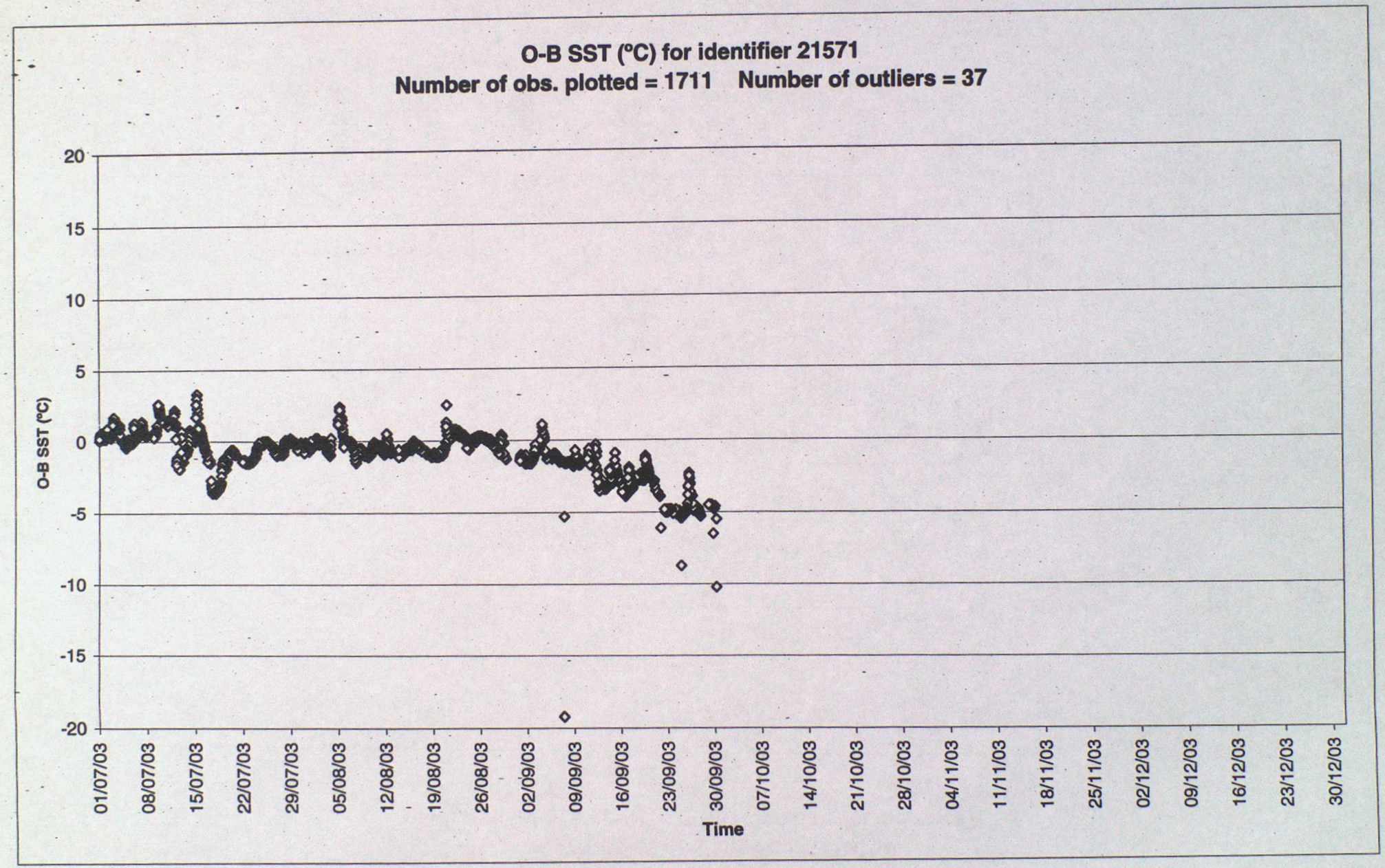

O-B SST (°C) for identifier 15908
Number of obs. plotted = 1611 Number of outliers = 62
O-B SST (°C)
20
15
10
5
0
-5
-10
-15
-20
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time

O-B SST (°C)
-10
-5
0
5
10
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time
O-B SST (°C) for identifier 16569
Number of obs. plotted = 1983 Number of outliers = 0

O-B SST (°C)
-10
-5
0
5
10
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time
O-B SST (°C) for identifier 16577
Number of obs. plotted = 270 Number of outliers = 0


O-B SST (°C) for identifier 17510
Number of obs. plotted = 1937 Number of outliers = 0
O-B SST (°C)
20
15
10
5
0
-5
-10
-15
-20
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time


O-B SST (°C) for identifier 17653
Number of obs. plotted = 275 Number of outliers = 37
O-B SST (°C)
10
5
0
-5
-10
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time

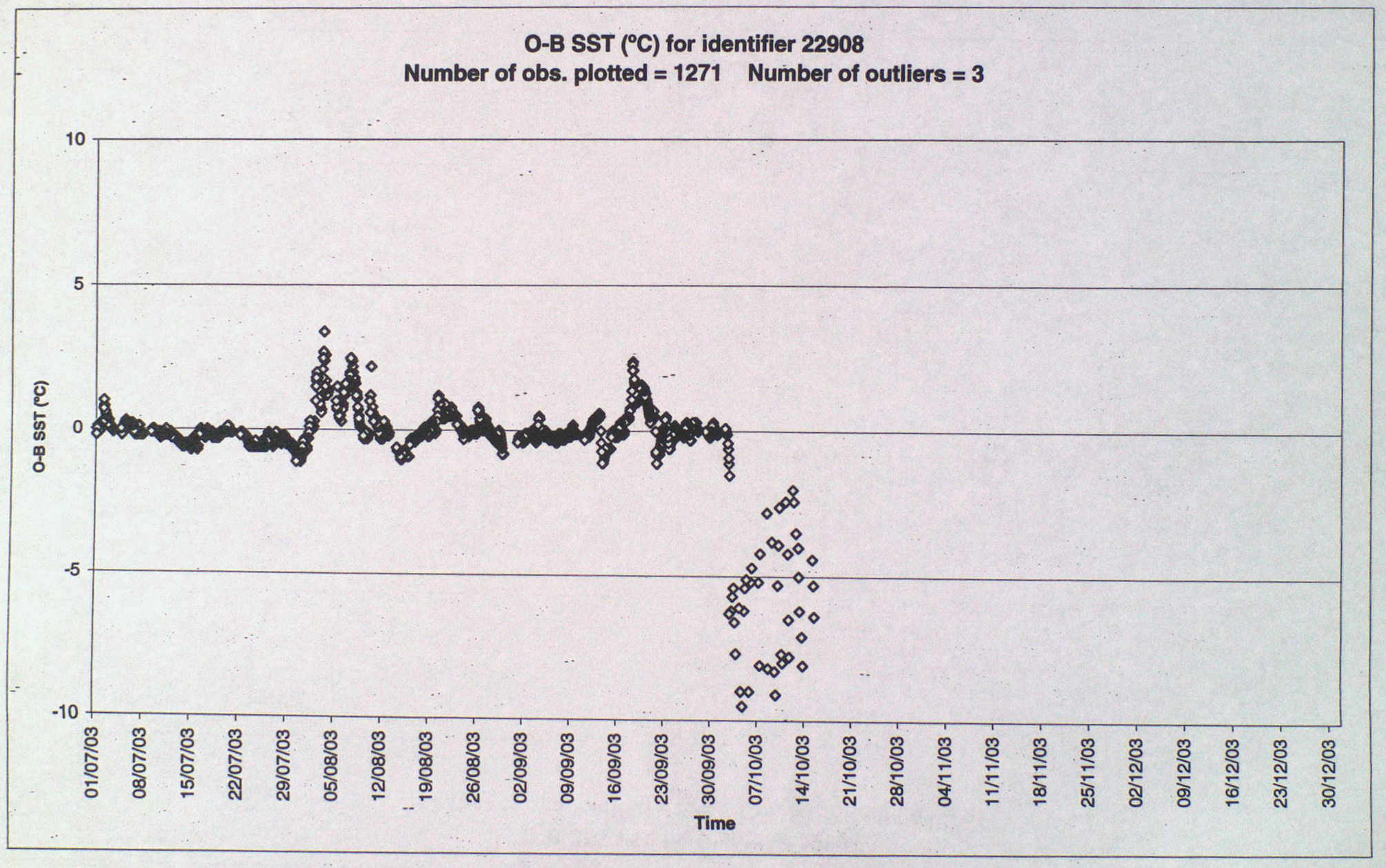

O-B SST (°C) for identifier 21571
Number of obs. plotted = 1711 Number of outliers = 37
O-B SST (°C)
20
15
10
5
0
-5
-10
-15
-20
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time

O-B SST (°C) for identifier 22571
Number of obs. plotted = 370 Number of outliers = 0
O-B SST (°C)
-20
-15
-10
-5
0
5
10
15
20
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03

O-B SST (°C) for identifier 22573
Number of obs. plotted = 353 Number of outliers = 0
O-B SST (°C)
-10
-5
0
5
10
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03

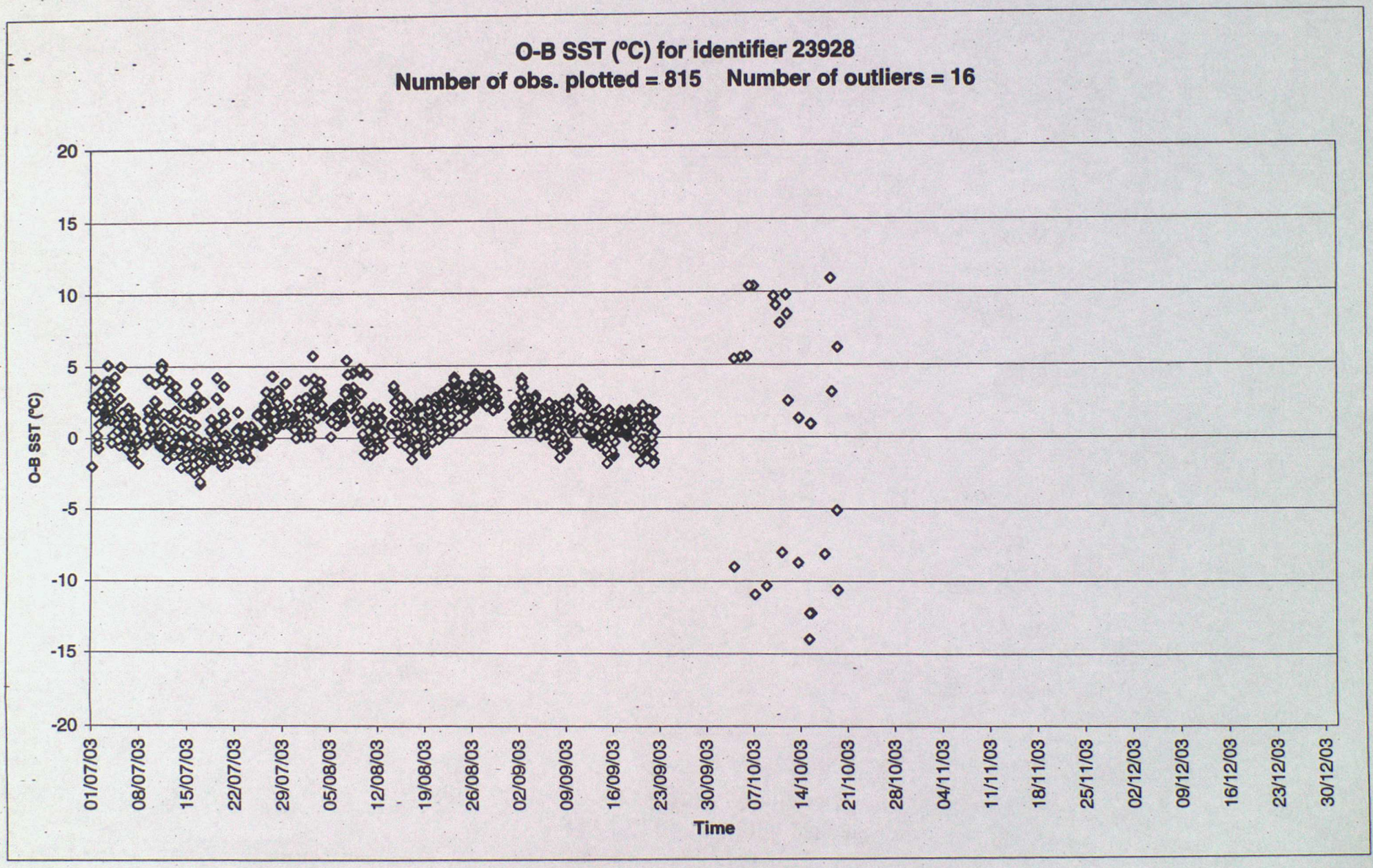
O-B SST (°C) for identifier 22585

Number of obs. plotted = 388 Number of outliers = 2


O-B SST (°C) for identifier 22908
Number of obs. plotted = 1271 Number of outliers = 3
10
5
0
-5
-10
O-B SST (°C)
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time

O-B SST (°C) for identifier 23903

Number of obs. plotted = 287 Number of outliers = 2


O-B SST (°C) for identifier 23928
Number of obs. plotted = 815 Number of outliers = 16
O-B SST (°C)
20
15
10
5
0
-5
-10
-15
-20
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time

O-B SST (°C) for identifier 3FJV4
Number of obs. plotted = 112 Number of outliers = 1
O-B SST (°C)
-10
-5
0
5
10
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03

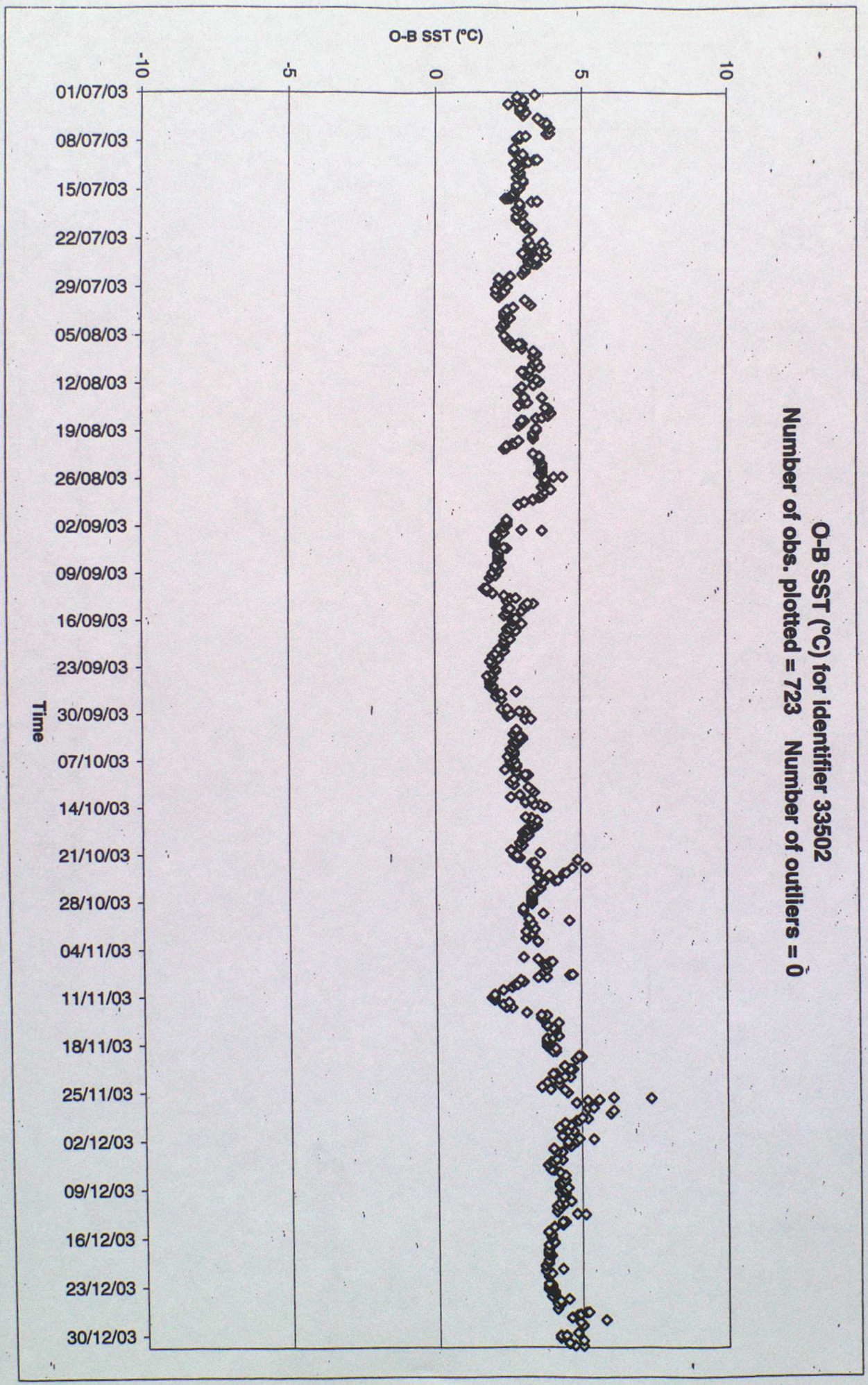
O-B SST (°C) for identifier 3FKM8
Number of obs. plotted = 113 Number of outliers = 0
O-B SST (°C)
-10
-5
0
5
10
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03

O-B SST (°C) for identifier 3FOW2
Number of obs. plotted = 77 Number of outliers = 5
O-B SST (°C)
-10
-5
0
5
10
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03

O-B SST (°C) for identifier 3FRR5
Number of obs. plotted = 309 Number of outliers = 2
O-B SST (°C)
-10
-5
0
5
10
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03

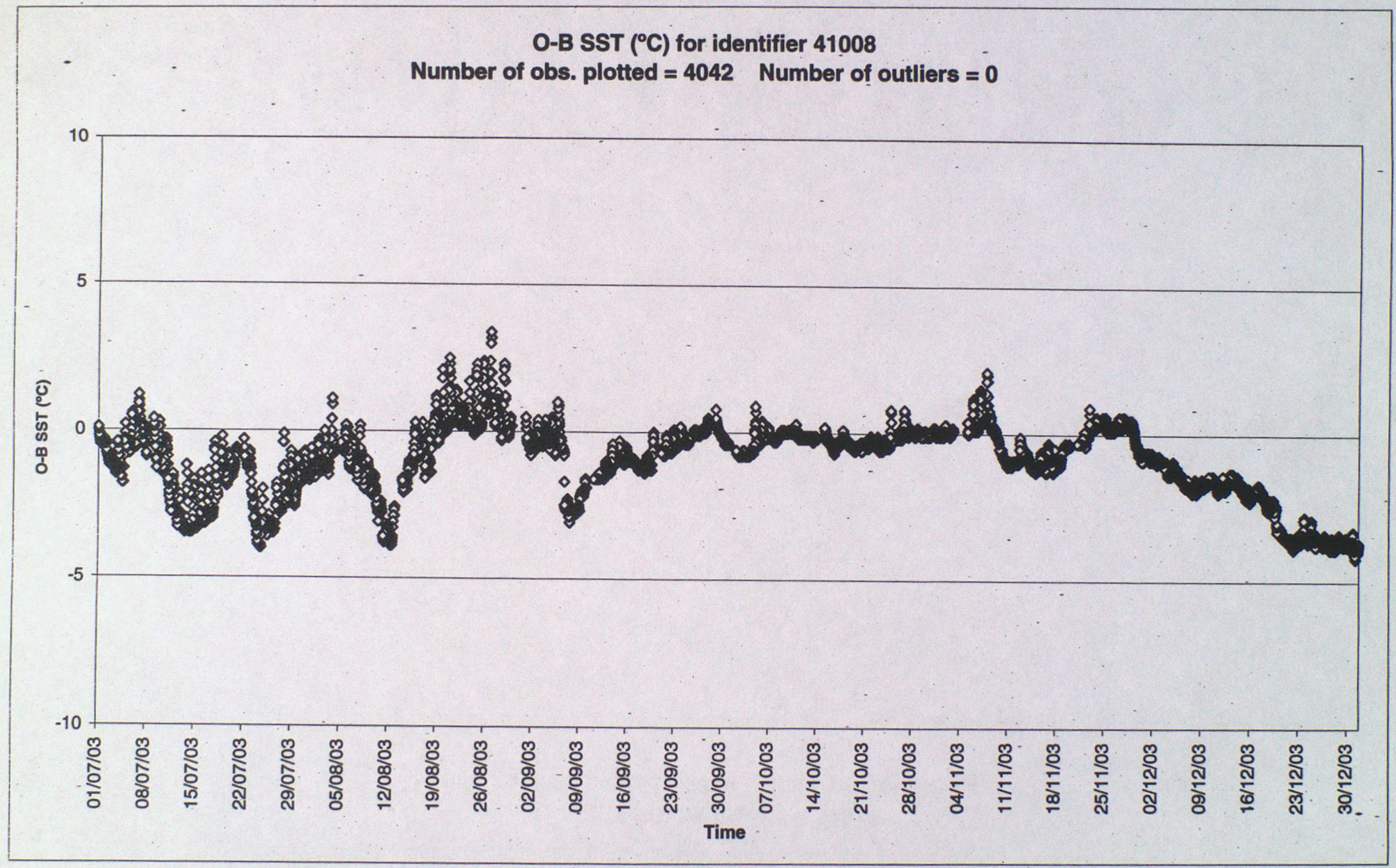
O-B SST (°C) for identifier 31056
Number of obs. plotted = 1603 Number of outliers = 538
O-B SST (°C)
-20
-15
-10
-5
0
5
10
15
20
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03

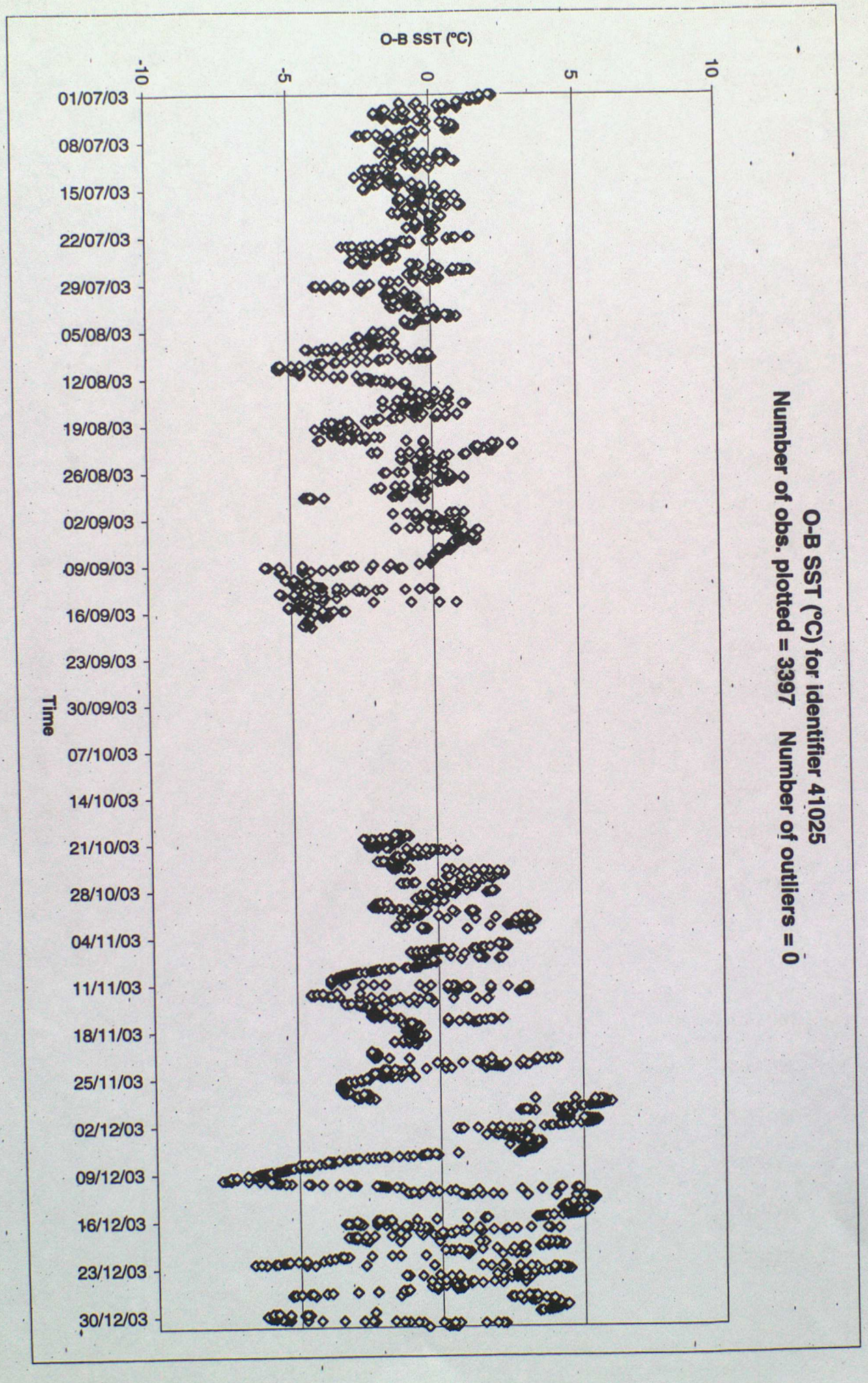
O-B SST (°C) for identifier 32520
Number of obs. plotted = 1233 Number of outliers = 0
O-B SST (°C)
-10
-5
0
5
10
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03

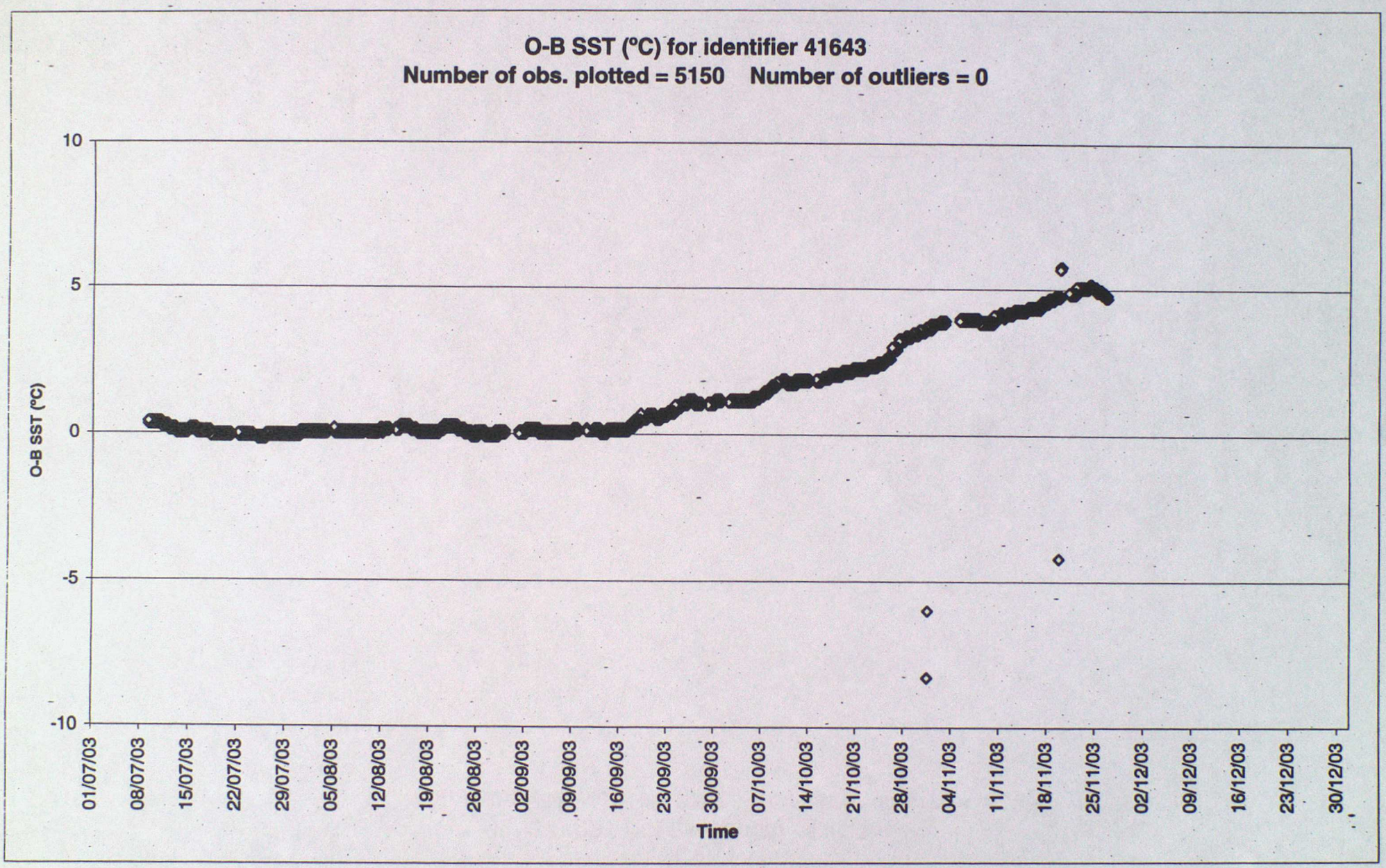

O-B SST (°C)
-10
-5
0
5
10
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time
O-B SST (°C) for identifier 33502
Number of obs. plotted = 723 Number of outliers = 0

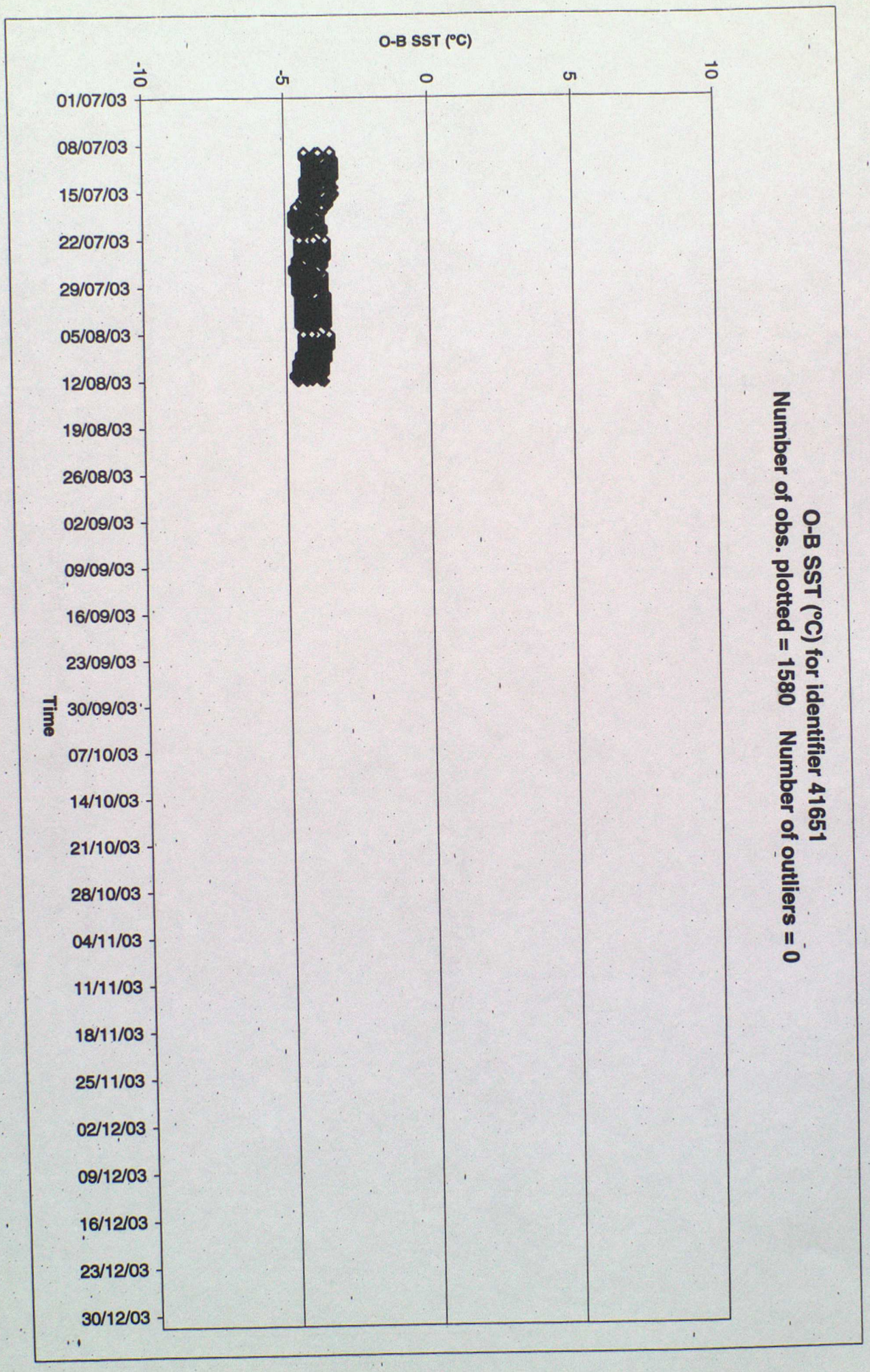
O-B SST (°C)
-10
-5
0
5
10
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time
O-B SST (°C) for identifier 32693
Number of obs. plotted = 627 Number of outliers = 0

O-B SST (°C)
-10
-5
0
5
10
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time
O-B SST (°C) for identifier 34914
Number of obs. plotted = 2319 Number of outliers = 0


O-B SST (°C) for identifier 41008
Number of obs. plotted = 4042 Number of outliers = 0
O-B SST (°C)
10
5
0
-5
-10
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time

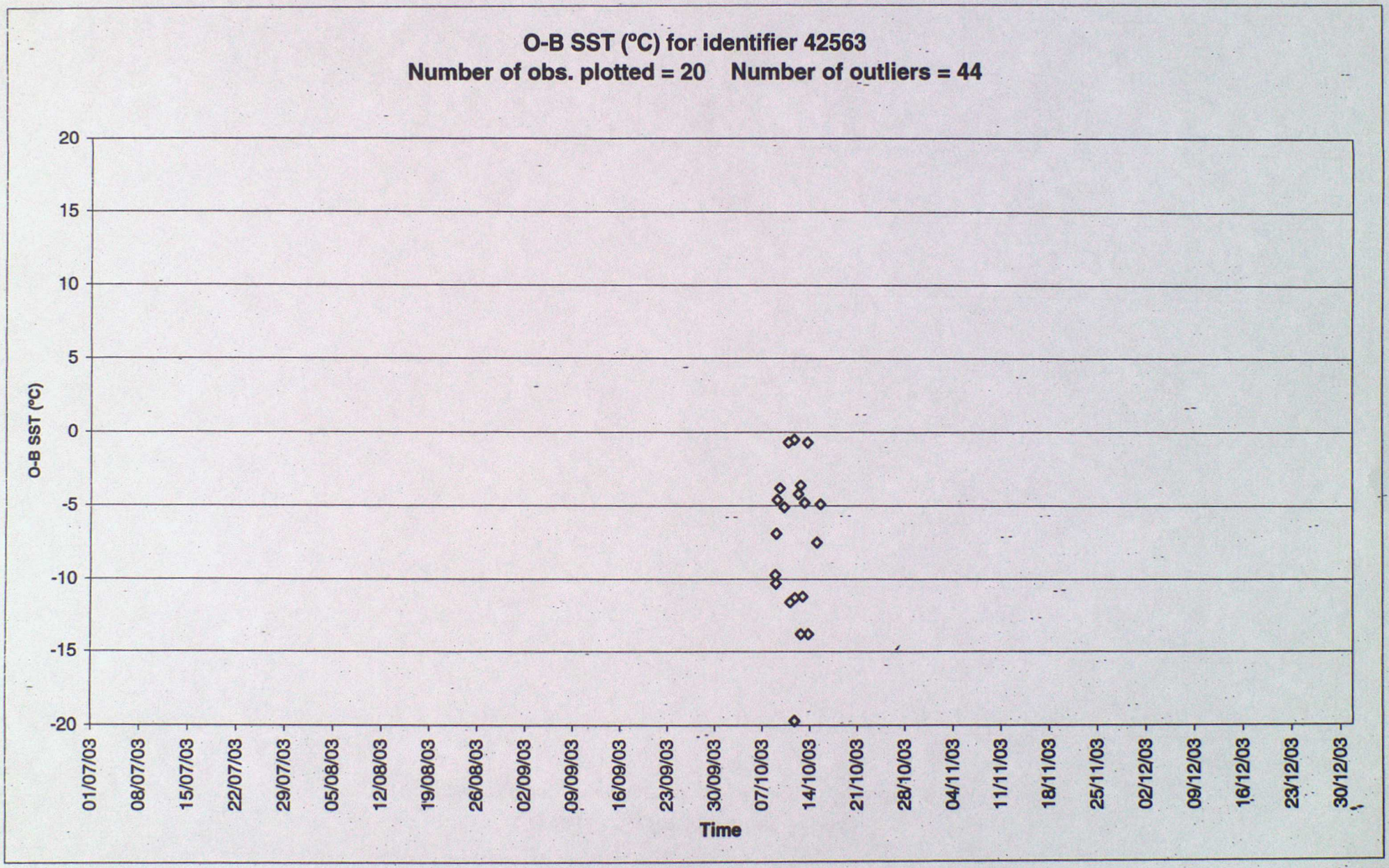

O-B SST (°C)
-10
-5
0
5
10
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
O-B SST (°C) for identifier 41025
Number of obs. plotted = 3397 Number of outliers = 0

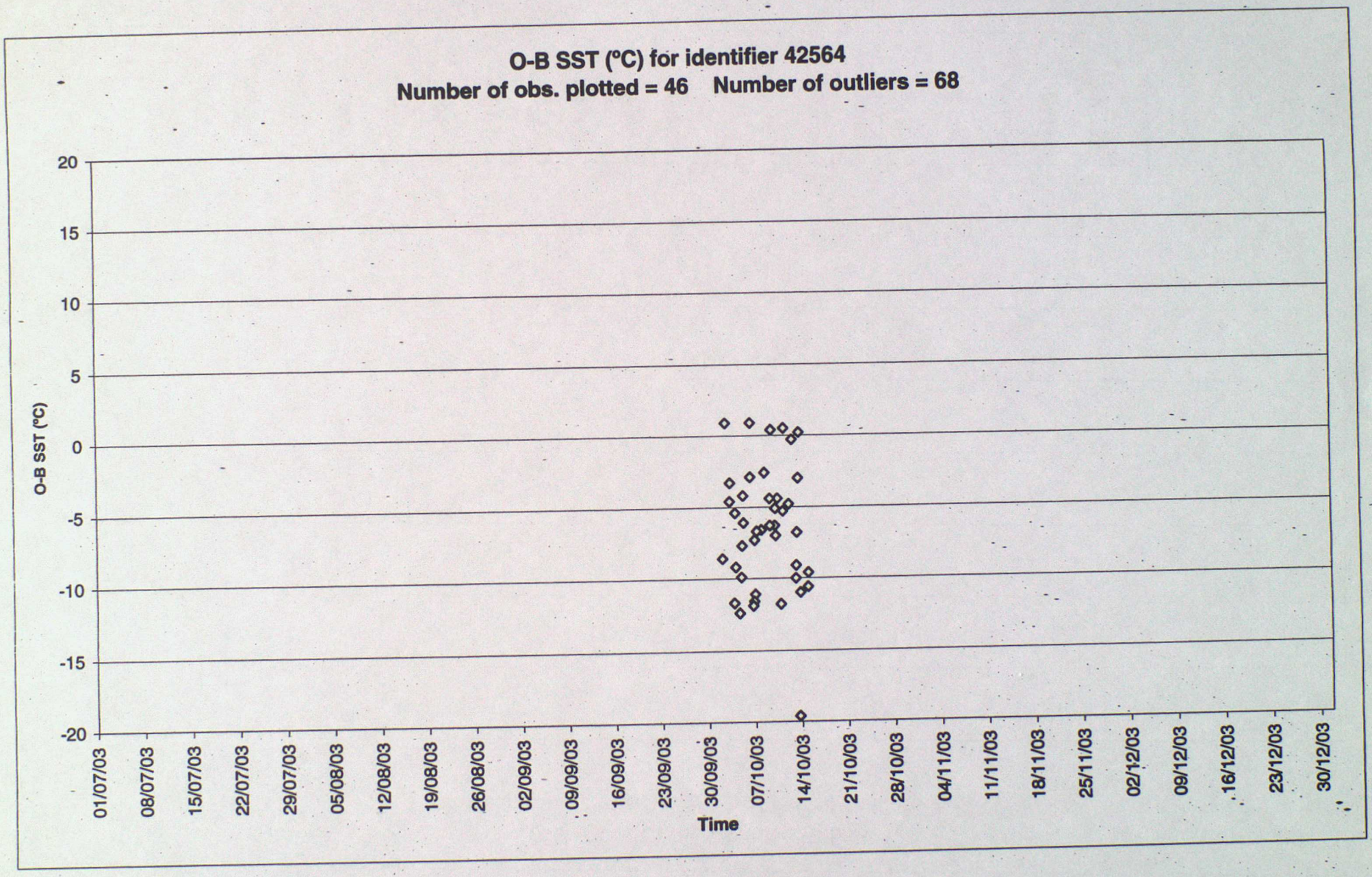

O-B SST (°C) for identifier 41643
Number of obs. plotted = 5150 Number of outliers = 0
O-B SST (°C)
10
5
0
-5
-10
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time

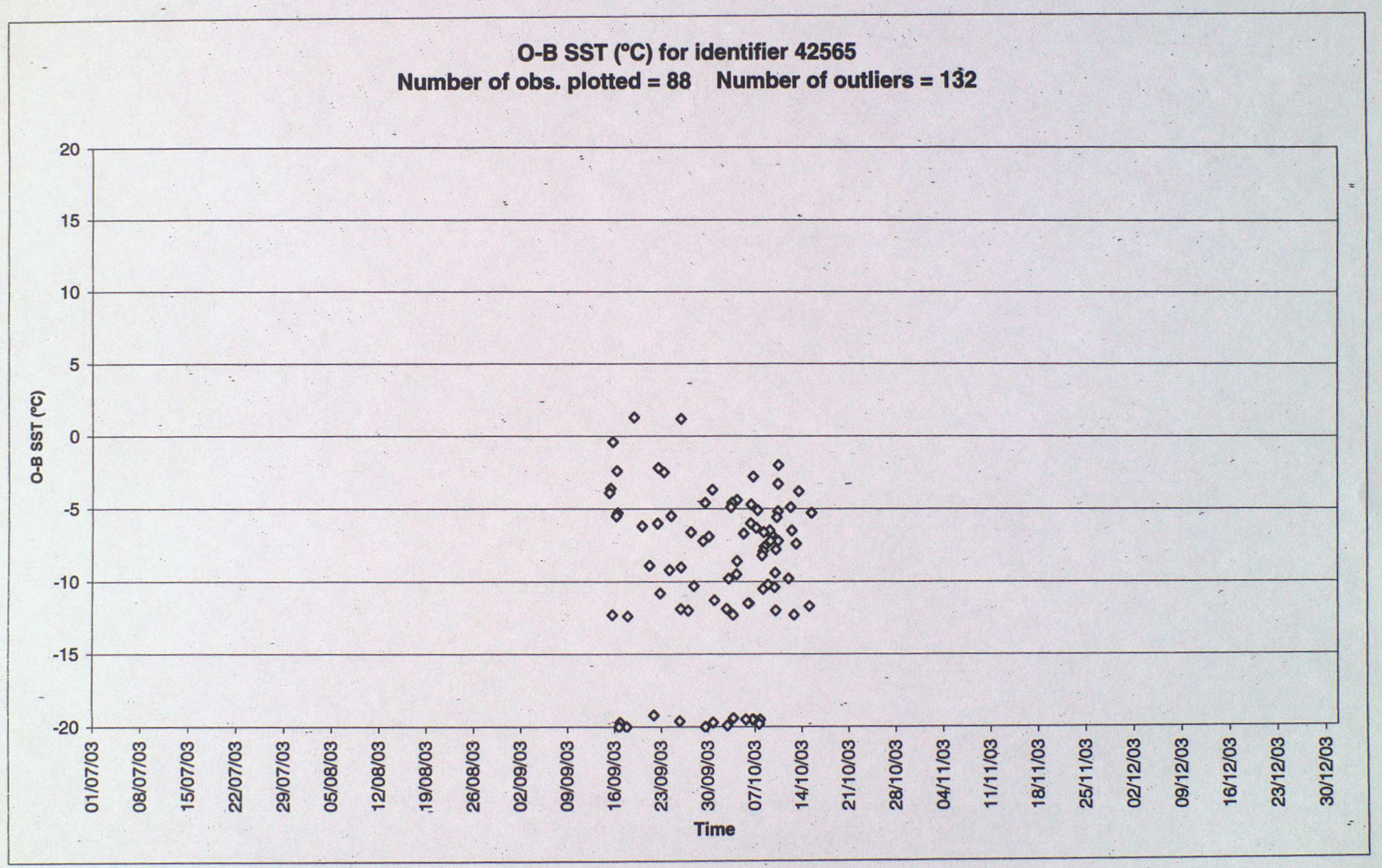

O-B SST (°C)
-10
-5
0
5
10
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
O-B SST (°C) for identifier 41651
Number of obs. plotted = 1580 Number of outliers = 0

O-B SST (°C)
-10
-5
0
5
10
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time
O-B SST (°C) for identifier 42007
Number of obs. plotted = 4061 Number of outliers = 0

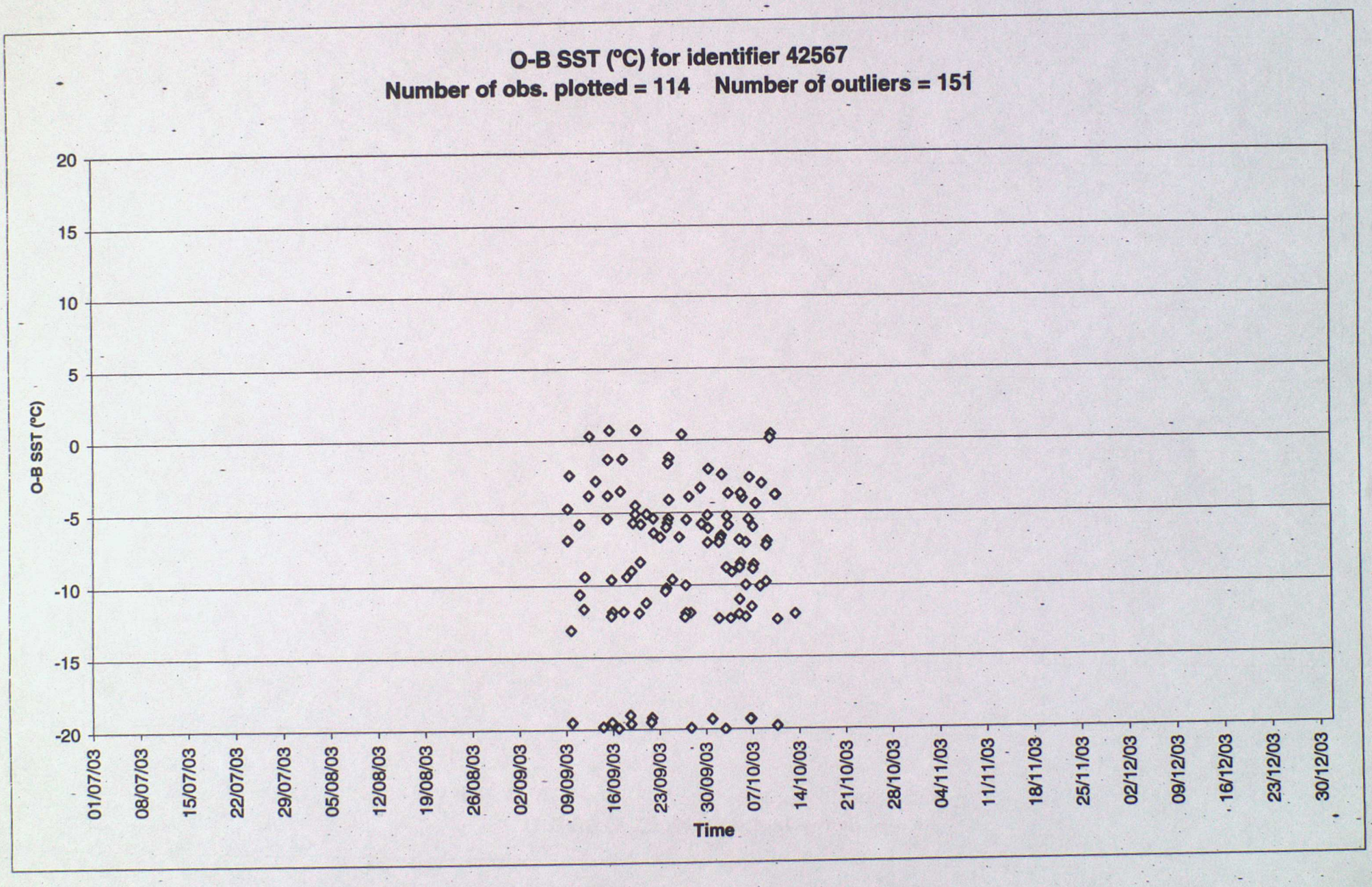
O-B SST (°C) for identifier 42562
Number of obs. plotted = 18 Number of outliers = 30
O-B SST (°C)
-20
-15
-10
-5
0
5
10
15
20
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03


O-B SST (°C) for identifier 42563
Number of obs. plotted = 20 Number of outliers = 44
O-B SST (°C)
20
15
10
5
0
-5
-10
-15
-20
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time


O-B SST (°C) for identifier 42564
Number of obs. plotted = 46 Number of outliers = 68
O-B SST (°C)
20
15
10
5
0
-5
-10
-15
-20
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time

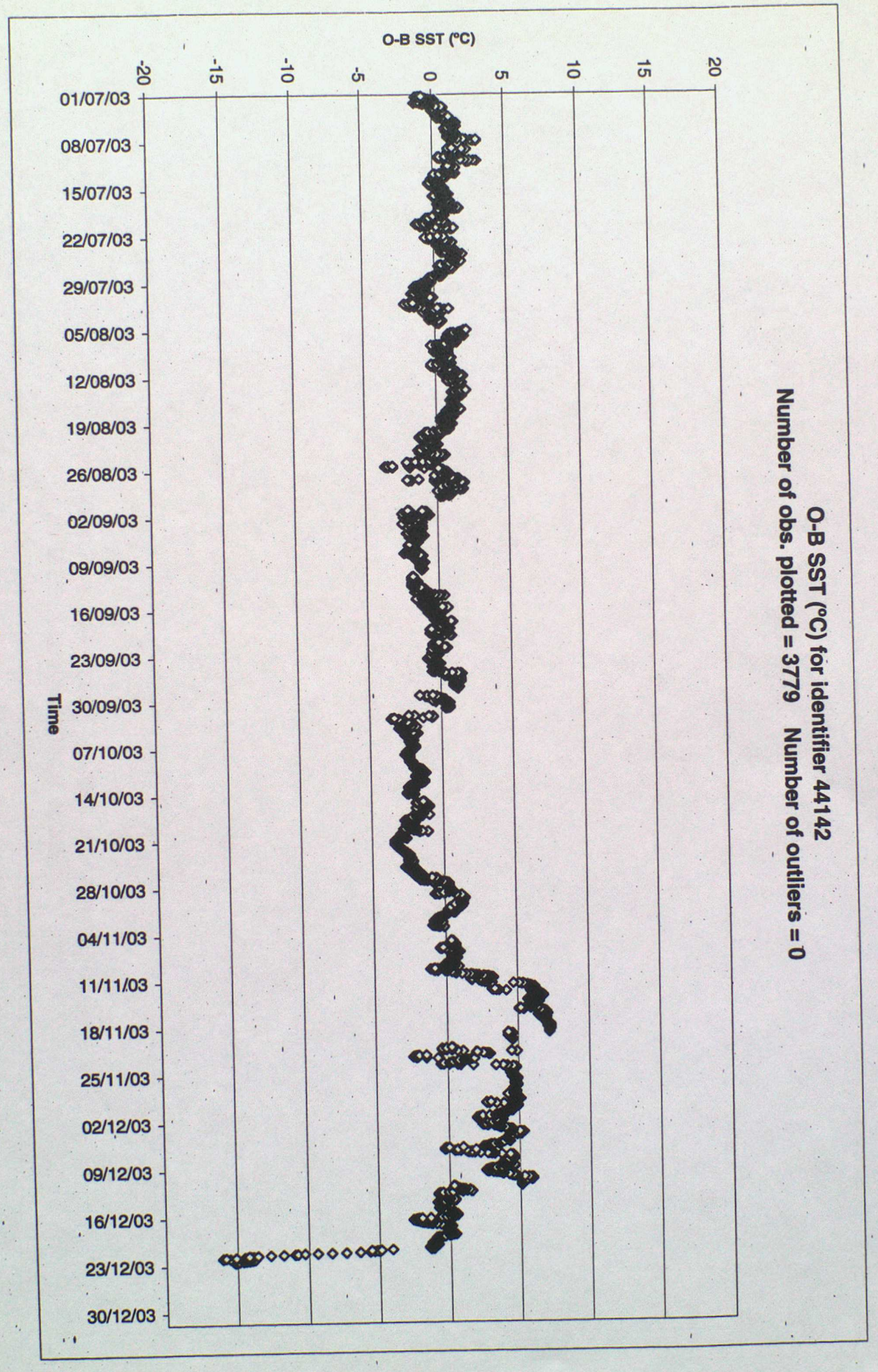

O-B SST (°C) for identifier 42565
Number of obs. plotted = 88 Number of outliers = 132
O-B SST (°C)
20
15
10
5
0
-5
-10
-15
-20
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time

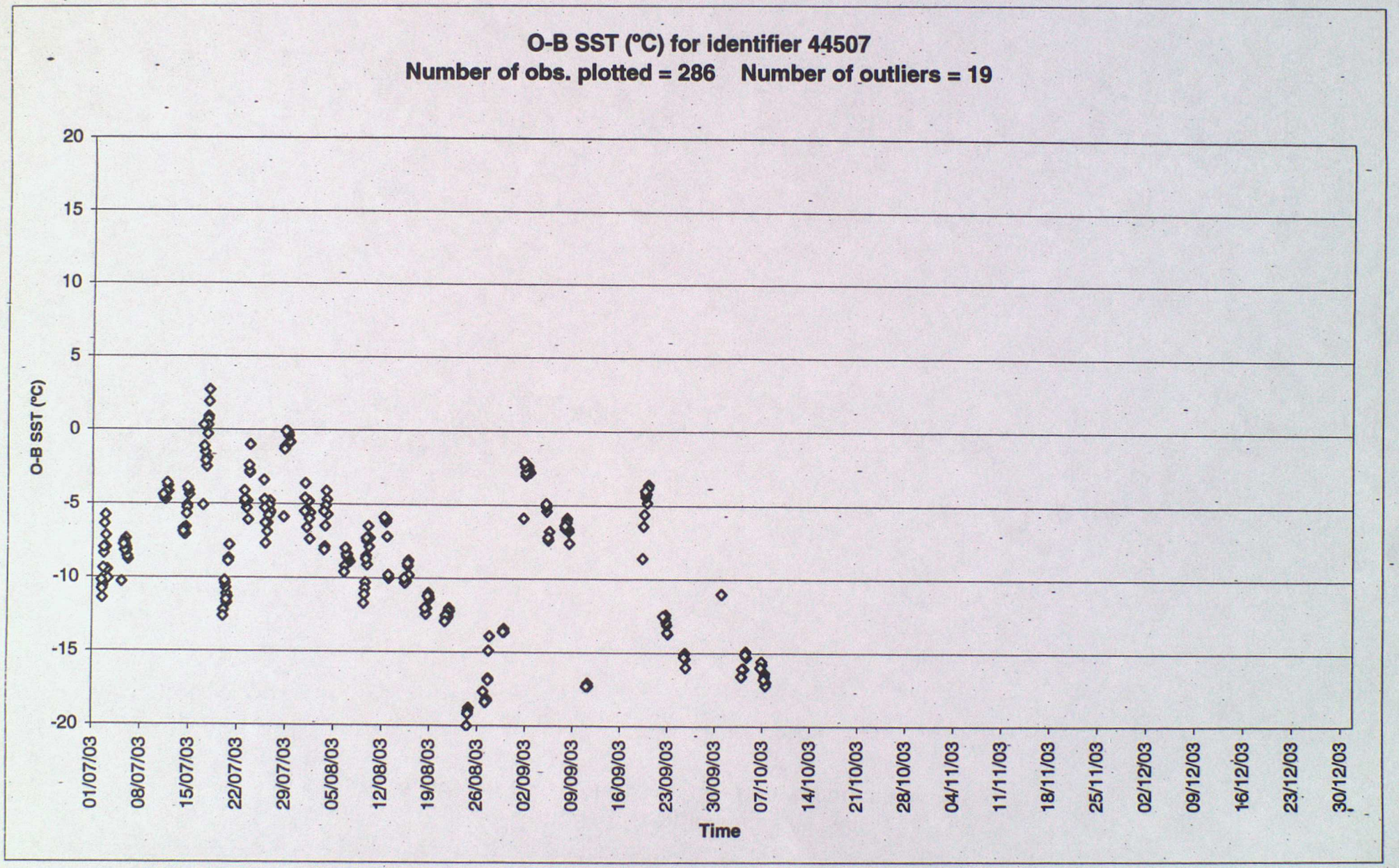
O-B SST (°C) for identifier 42566
Number of obs. plotted = 23 Number of outliers = 40
O-B SST (°C)
-20
-15
-10
-5
0
5
10
15
20
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03

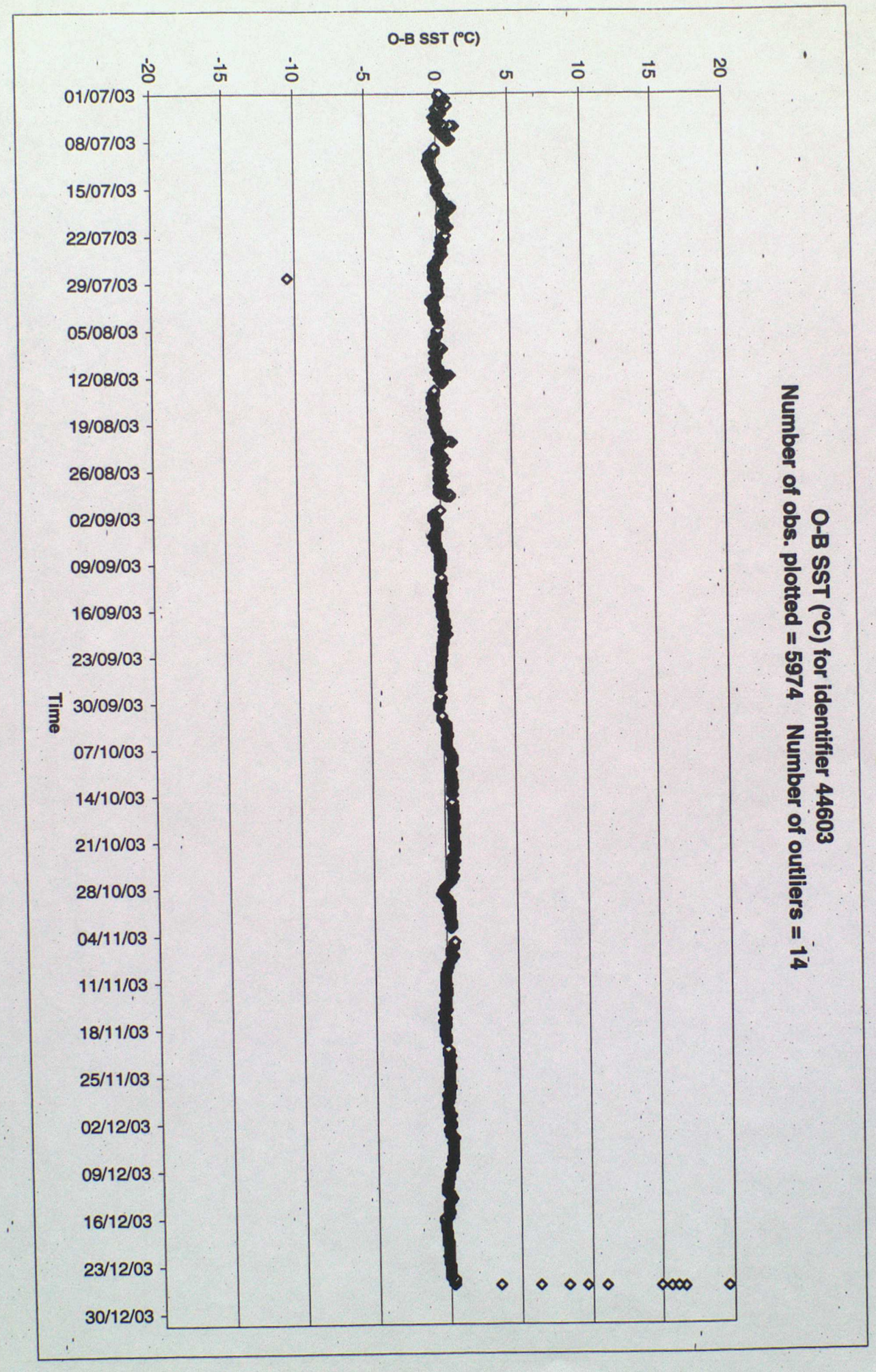

O-B SST (°C) for identifier 42567
Number of obs. plotted = 114 Number of outliers = 151
O-B SST (°C)
20
15
10
5
0
-5
-10
-15
-20
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time

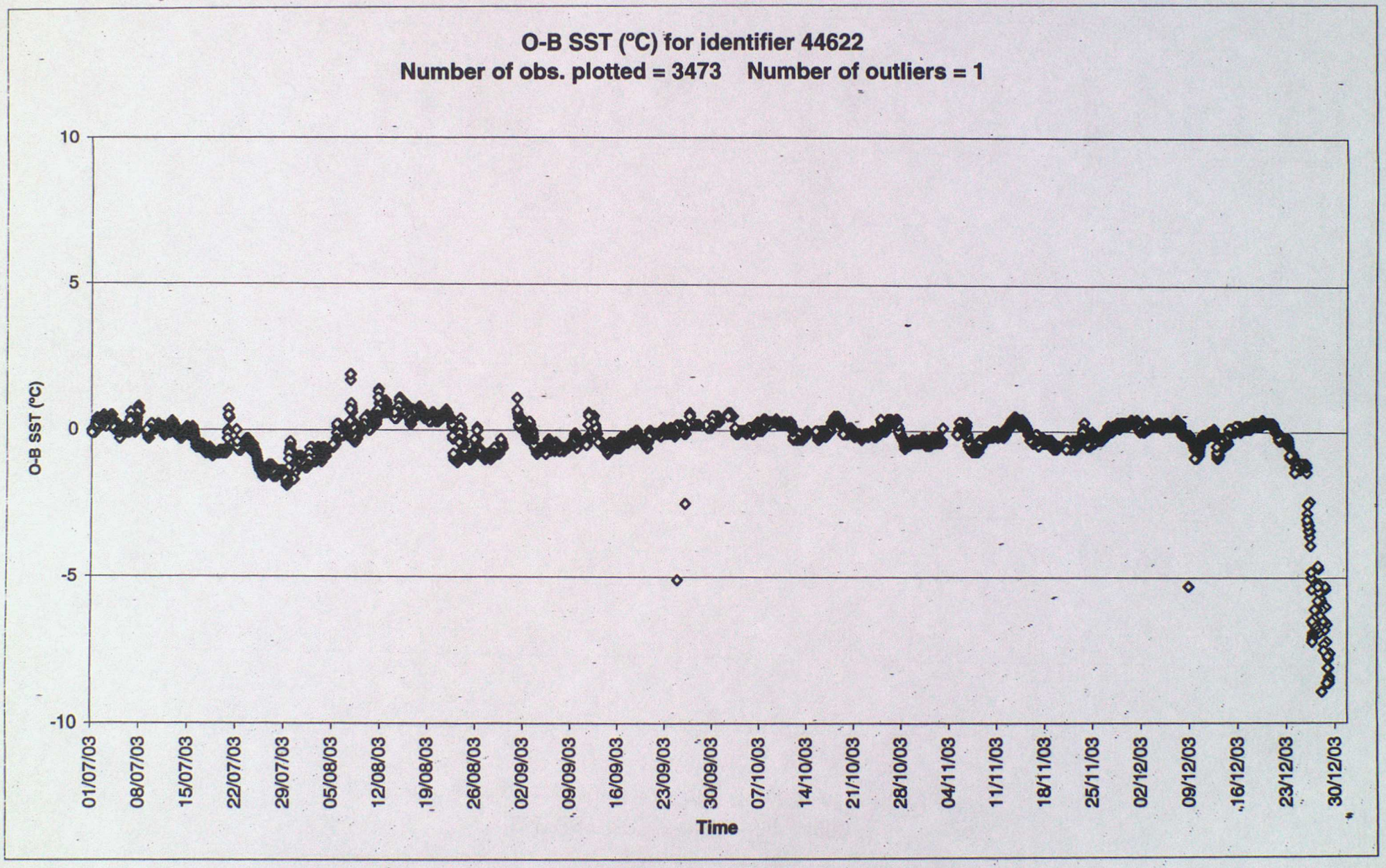
O-B SST (°C)
-10
-5
0
5
10
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
O-B SST (°C) for identifier 44011
Number of obs. plotted = 2896 Number of outliers = 0

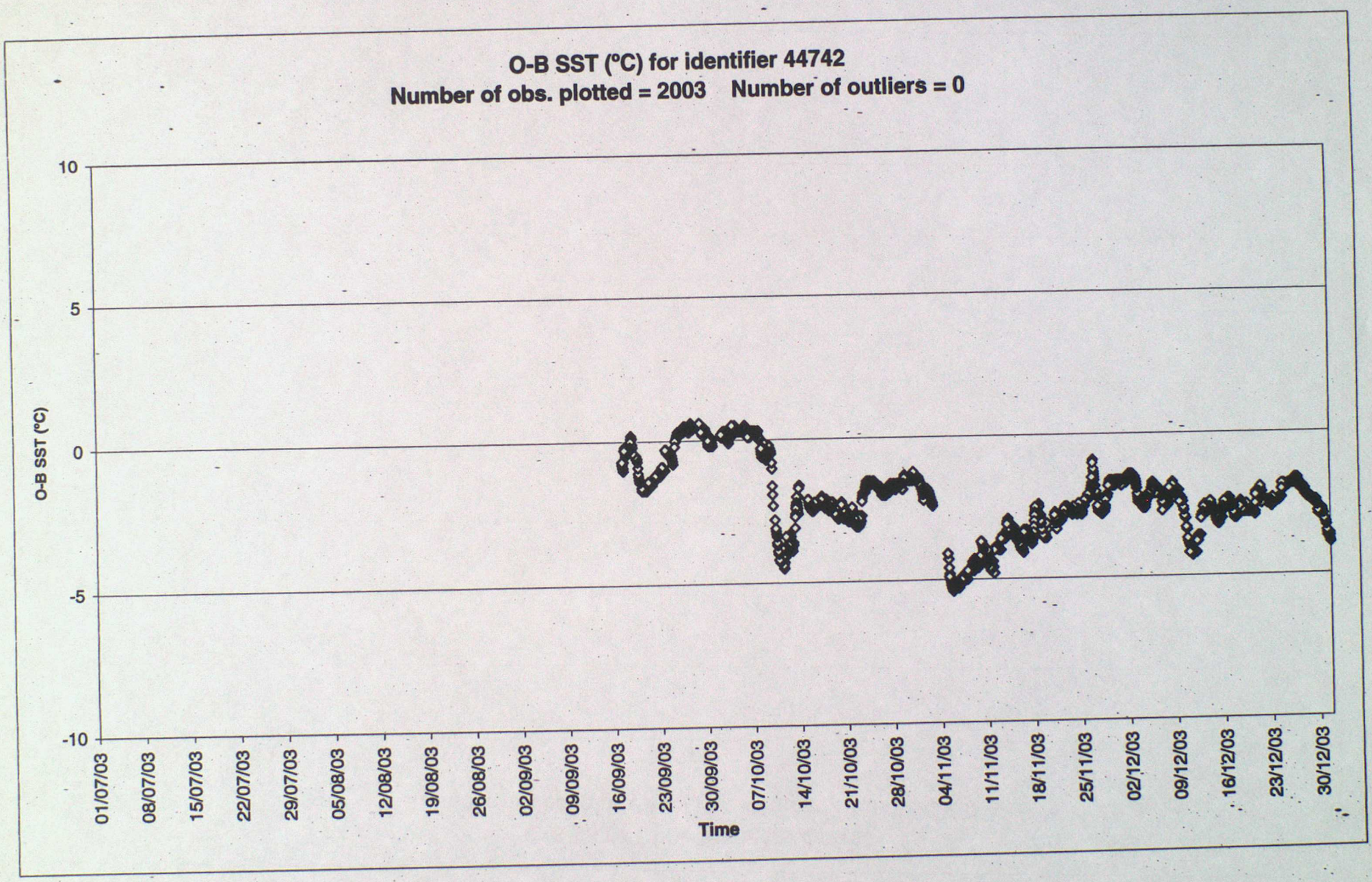
O-B SST (°C)
-10
-5
0
5
10
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time
O-B SST (°C) for identifier 44137
Number of obs. plotted = 3651 Number of outliers = 0

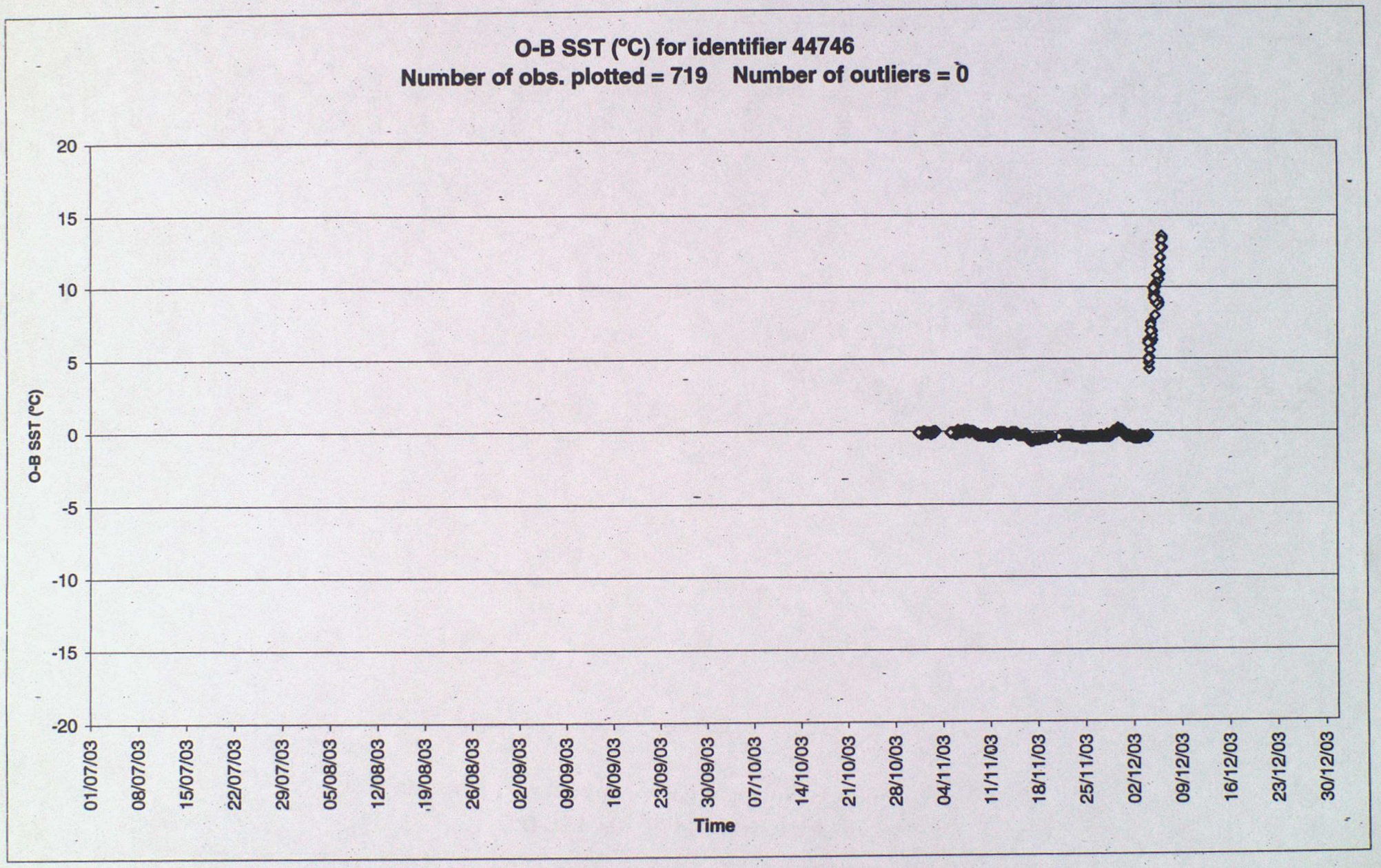

O-B SST (°C) for identifier 44142
Number of obs. plotted = 3779 Number of outliers = 0
O-B SST (°C)
-20
-15
-10
-5
0
5
10
15
20
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03

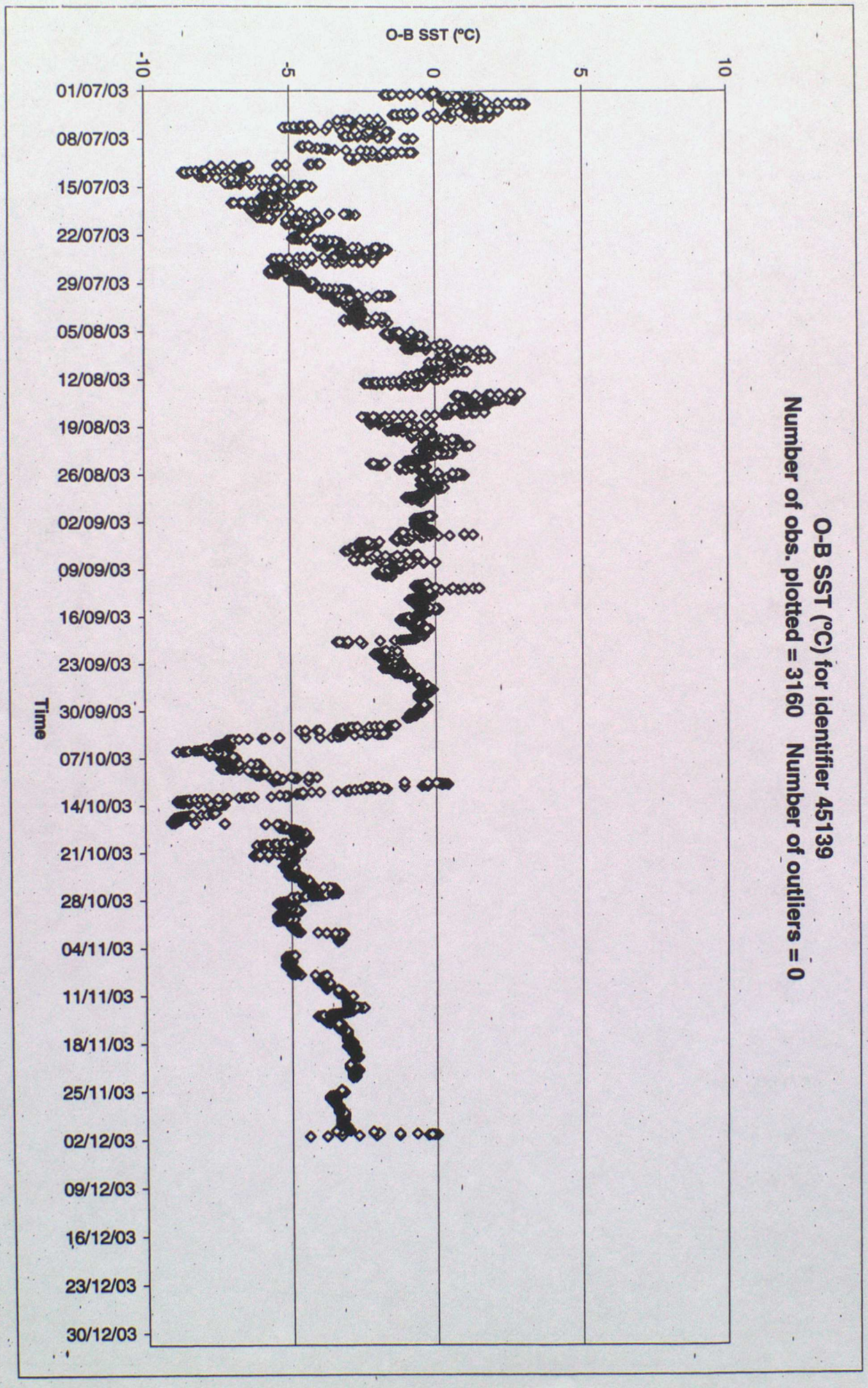

O-B SST (°C) for identifier 44507
Number of obs. plotted = 286 Number of outliers = 19
O-B SST (°C)
20
15
10
5
0
-5
-10
-15
-20
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time

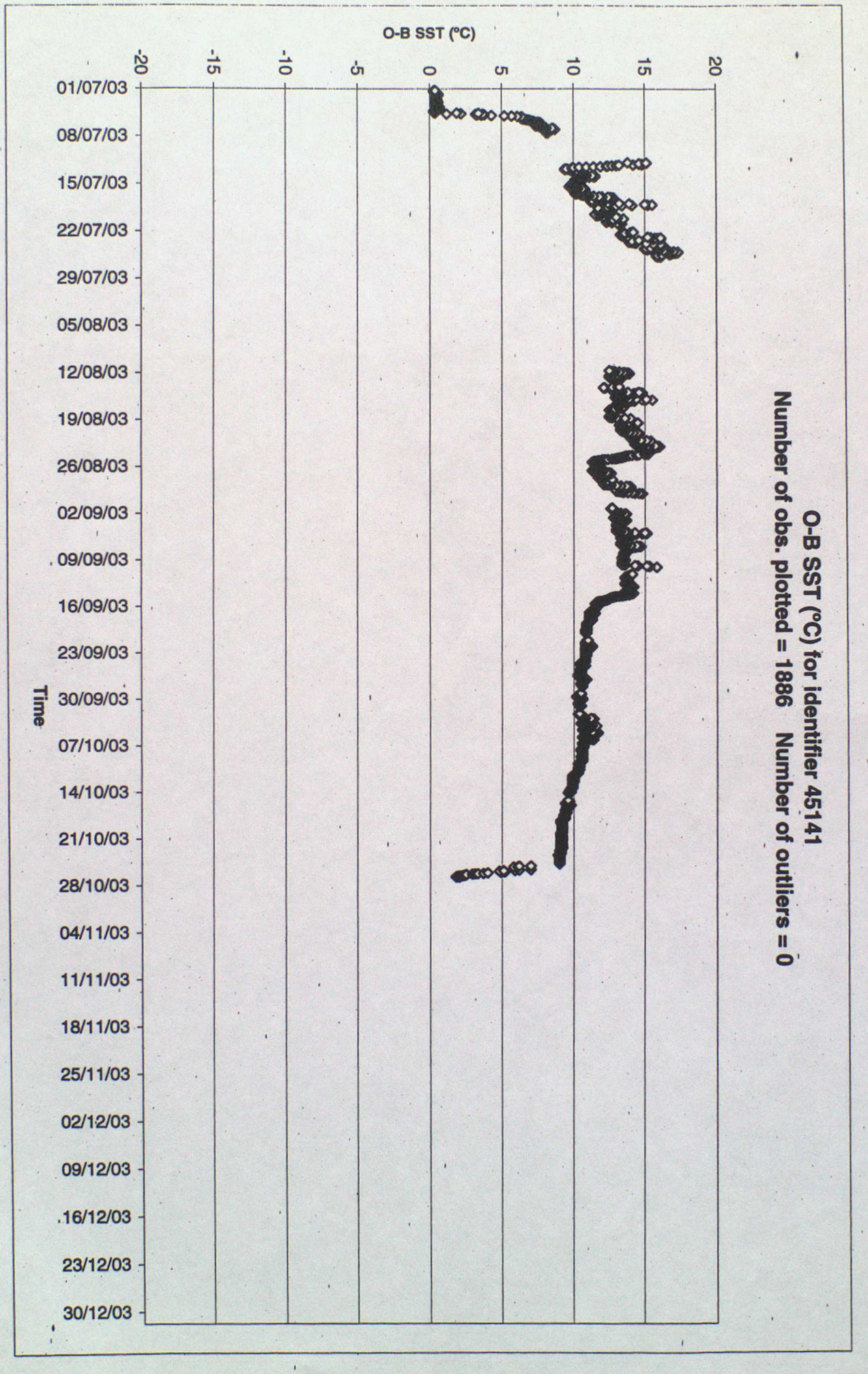

O-B SST (°C) for identifier 44603
Number of obs. plotted = 5974 Number of outliers = 14
O-B SST (°C)
-20
-15
-10
-5
0
5
10
15
20
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03

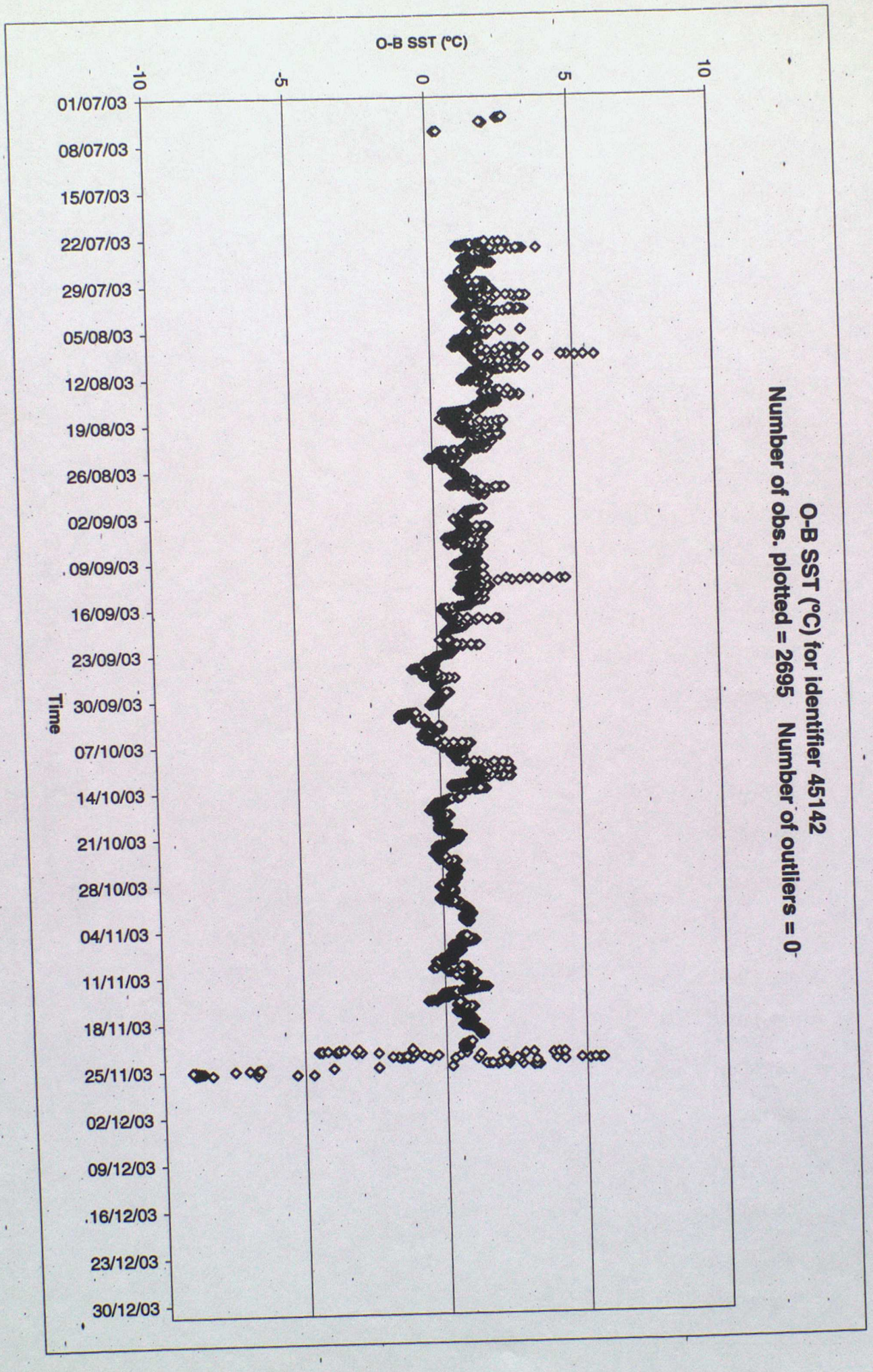

O-B SST (°C) for identifier 44622
Number of obs. plotted = 3473 Number of outliers = 1
O-B SST (°C)
10
5
0
-5
-10
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time

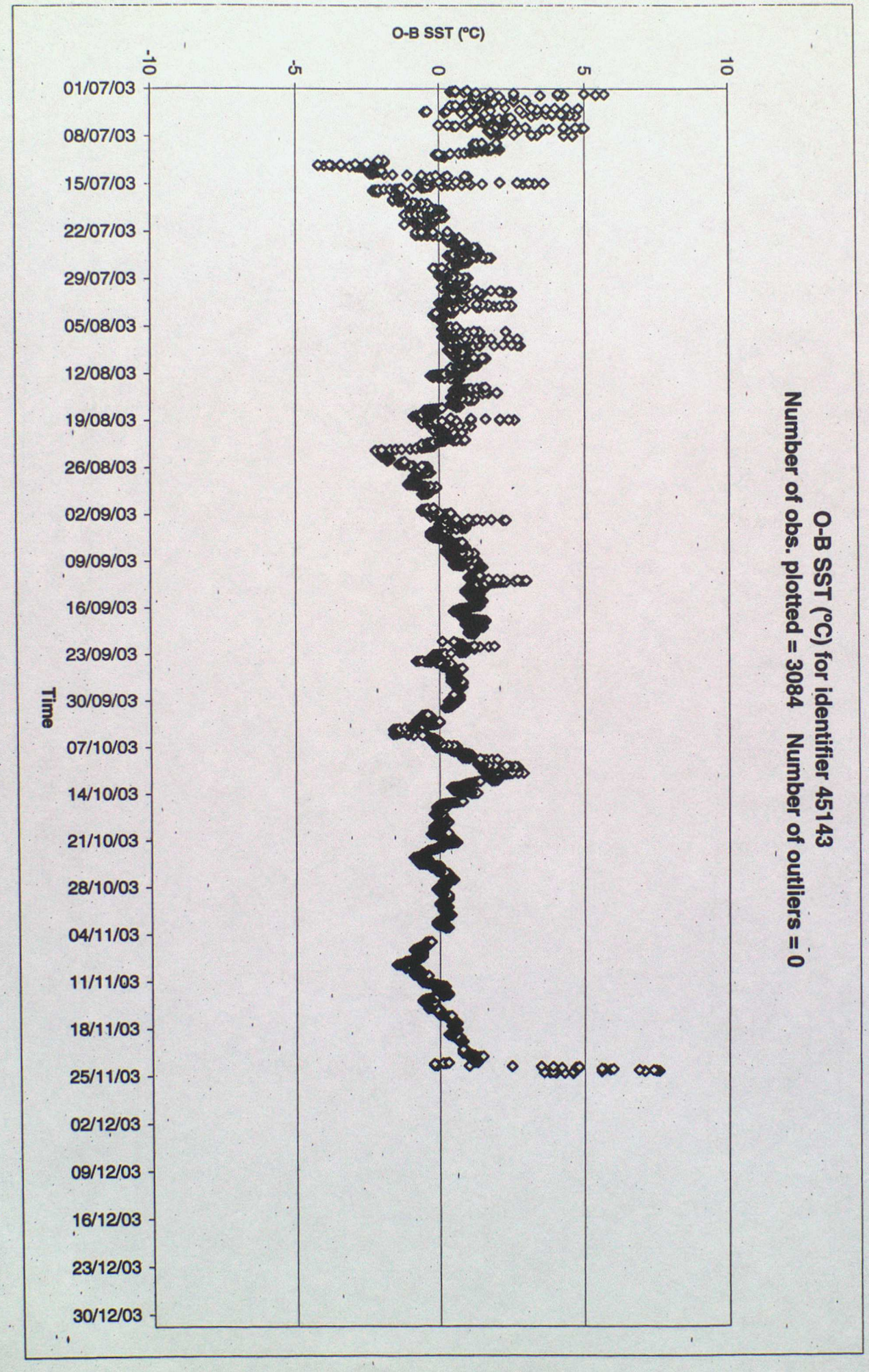

O-B SST (°C) for identifier 44742
Number of obs. plotted = 2003 Number of outliers = 0
O-B SST (°C)
10
5
0
-5
-10
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time

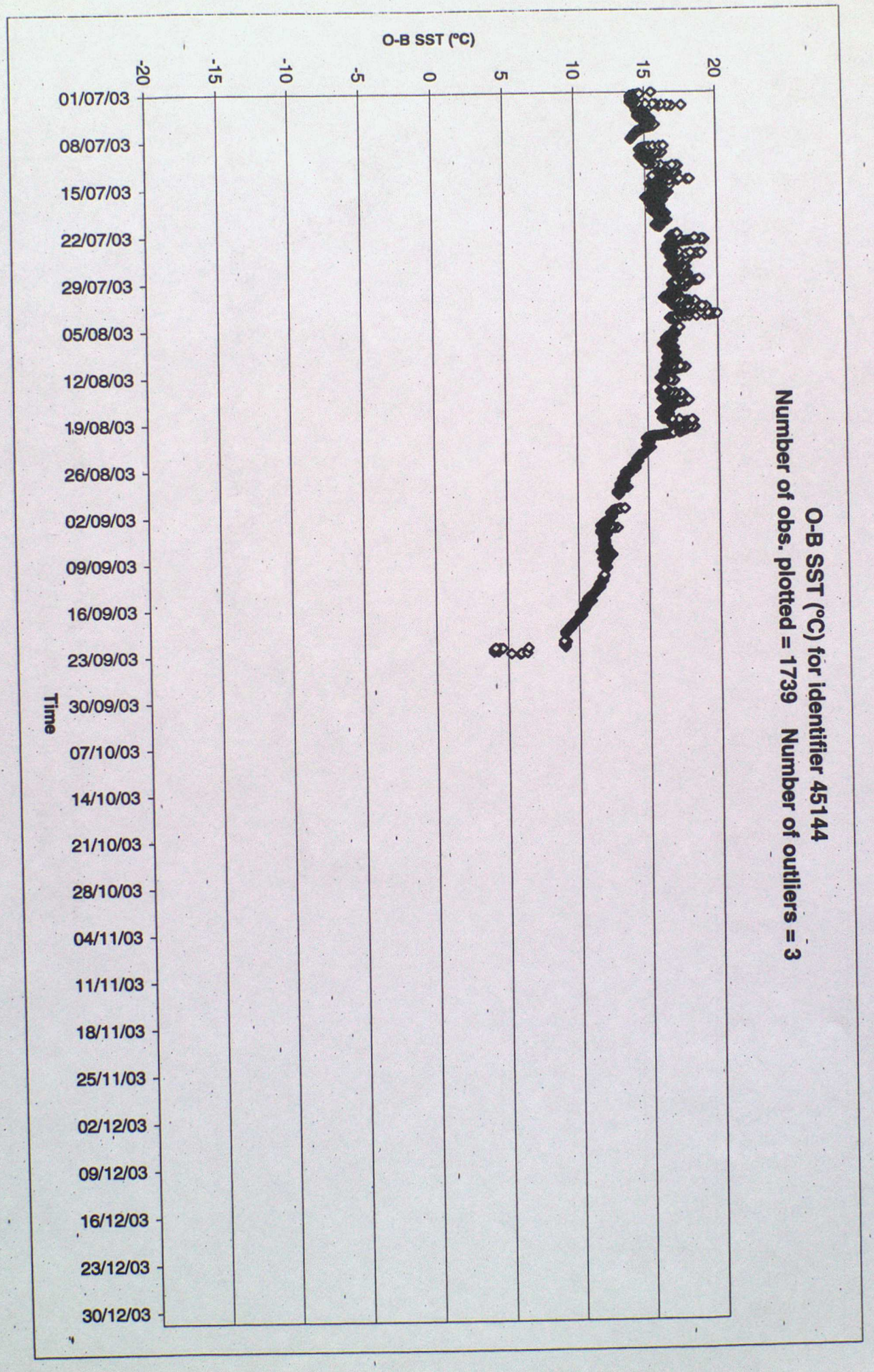

O-B SST (°C) for identifier 44746
Number of obs. plotted = 719 Number of outliers = 0
O-B SST (°C)
20
15
10
5
0
-5
-10
-15
-20
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time

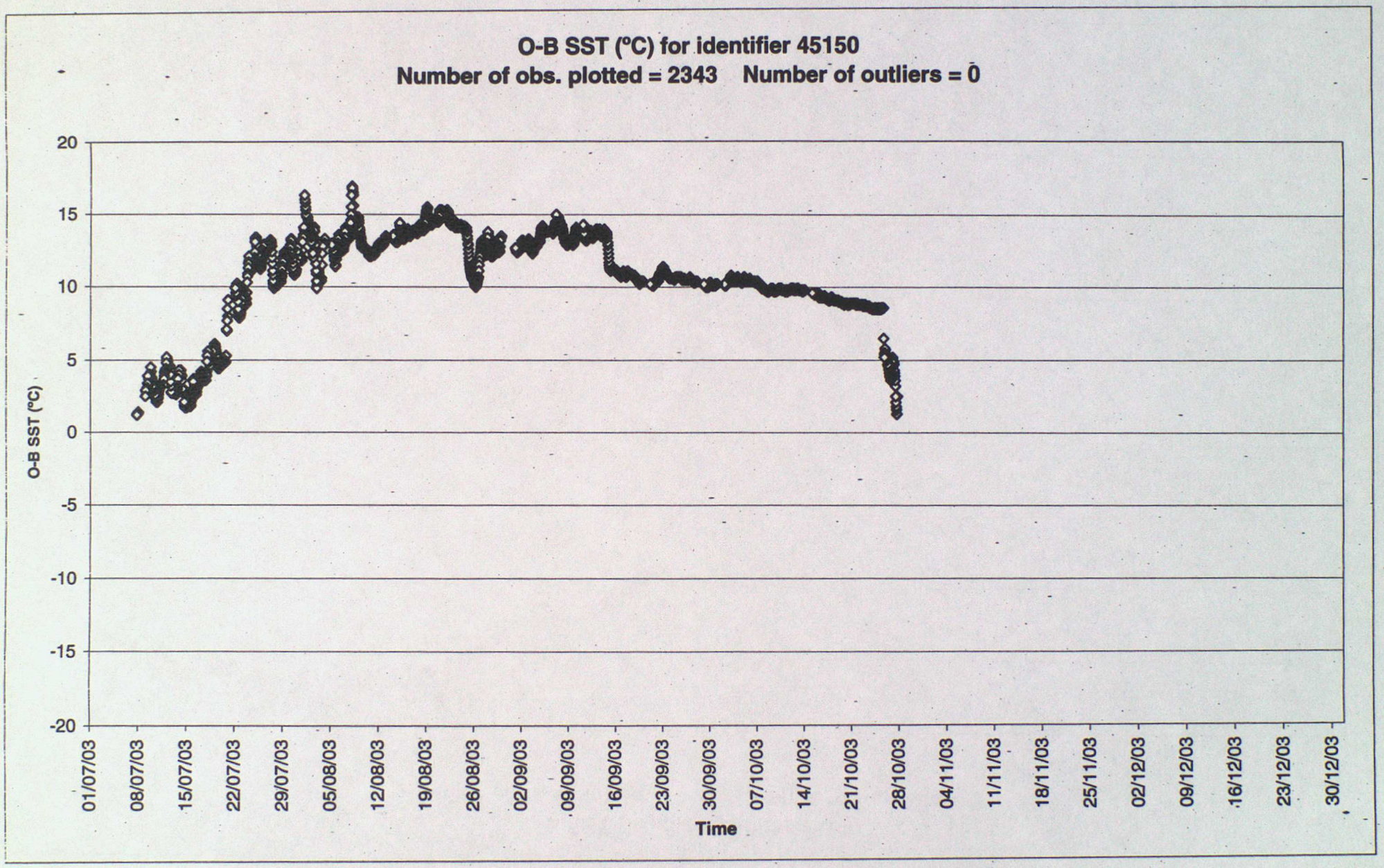

O-B SST (°C)
-10
-5
0
5
10
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
O-B SST (°C) for identifier 45139
Number of obs. plotted = 3160 Number of outliers = 0


O-B SST (°C) for identifier 45141
Number of obs. plotted = 1886 Number of outliers = 0
O-B SST (°C)
-20
-15
-10
-5
0
5
10
15
20
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03


O-B SST (°C)
-10
-5
0
5
10
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
O-B SST (°C) for identifier 45142
Number of obs. plotted = 2695 Number of outliers = 0

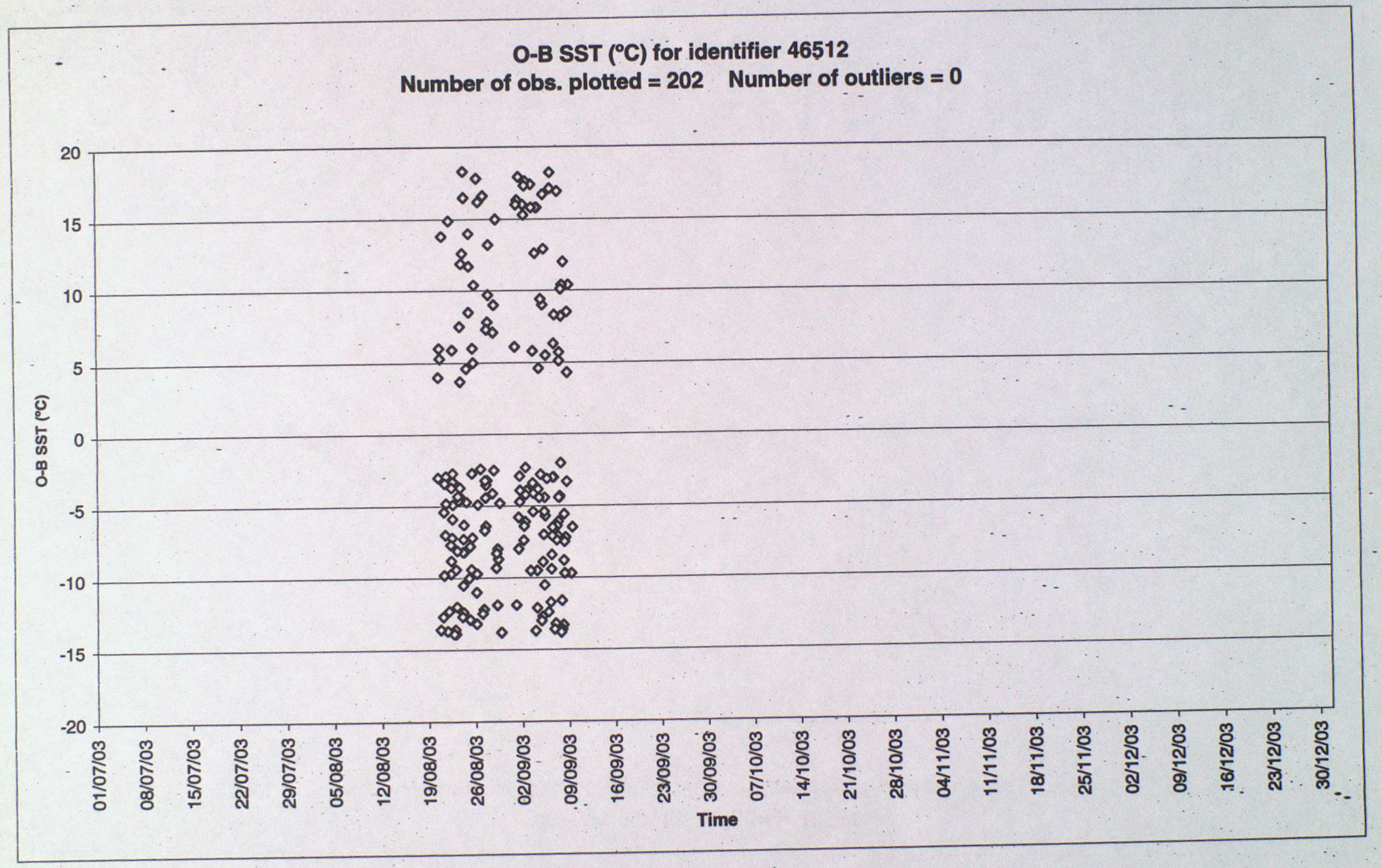

O-B SST (°C)
-10
-5
0
5
10
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
O-B SST (°C) for identifier 45143
Number of obs. plotted = 3084 Number of outliers = 0

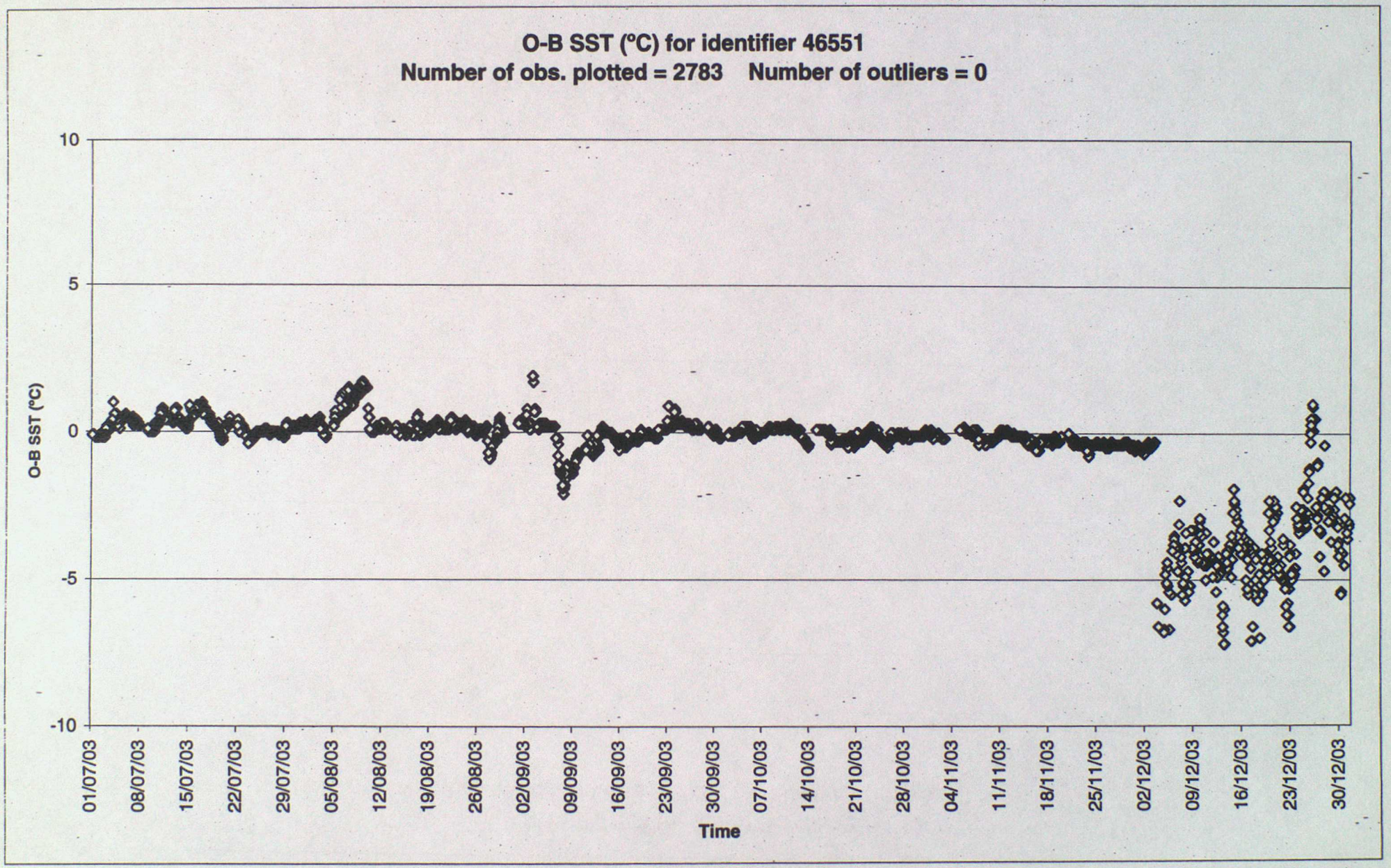

O-B SST (°C)
-20
-15
-10
-5
0
5
10
15
20
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
O-B SST (°C) for identifier 45144
Number of obs. plotted = 1739 Number of outliers = 3


O-B SST (°C) for identifier 45150
Number of obs. plotted = 2343 Number of outliers = 0
O-B SST (°C)
20
15
10
5
0
-5
-10
-15
-20
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time

O-B SST (°C)
-10
-5
0
5
10
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time
O-B SST (°C) for identifier 45159
Number of obs. plotted = 2430 Number of outliers = 22

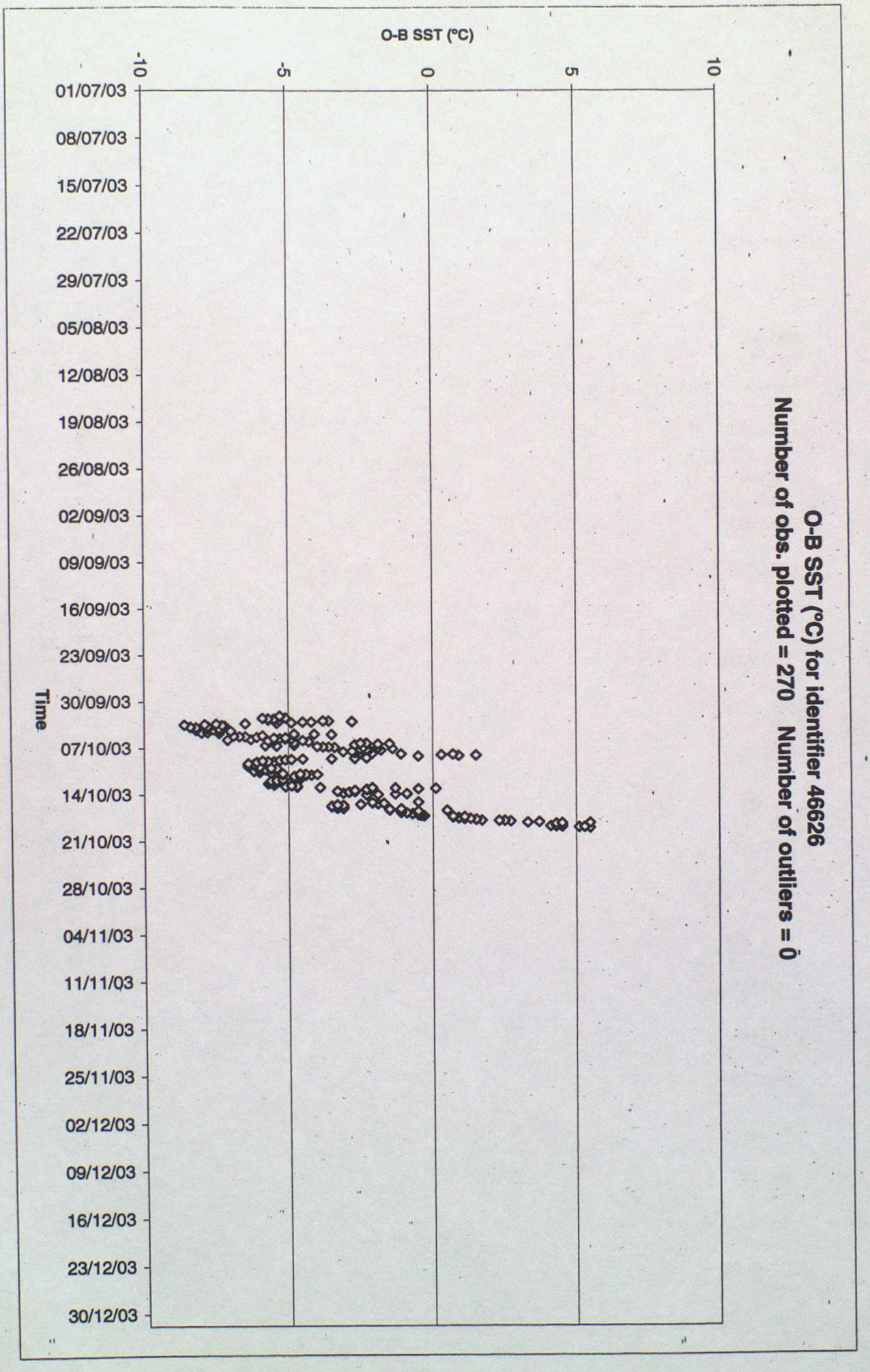
O-B SST (°C)
-10
-5
0
5
10
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
O-B SST (°C) for identifier 45160
Number of obs. plotted = 2185 Number of outliers = 176

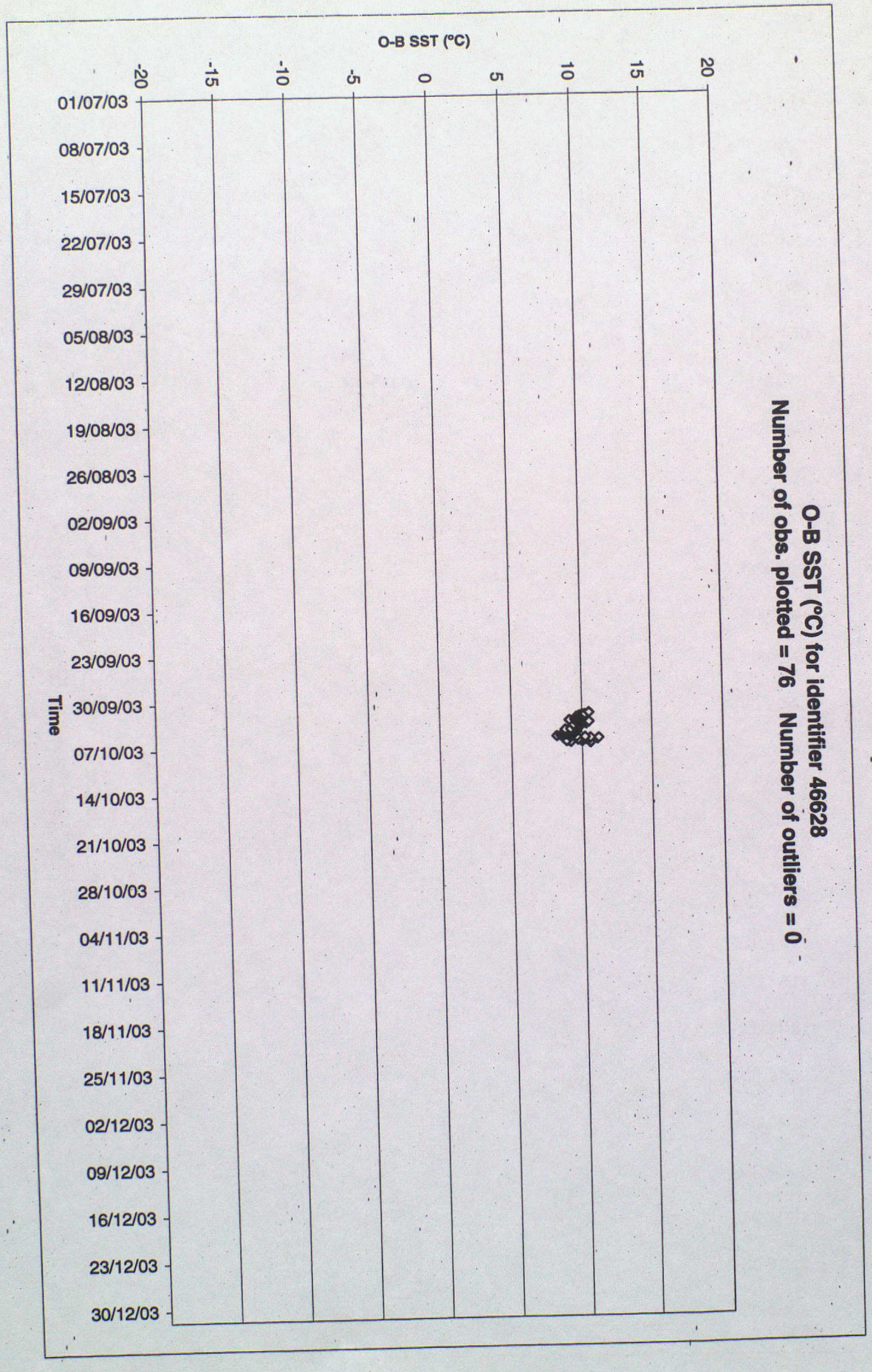

O-B SST (°C) for identifier 46512
Number of obs. plotted = 202 Number of outliers = 0
O-B SST (°C)
20
15
10
5
0
-5
-10
-15
-20
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time

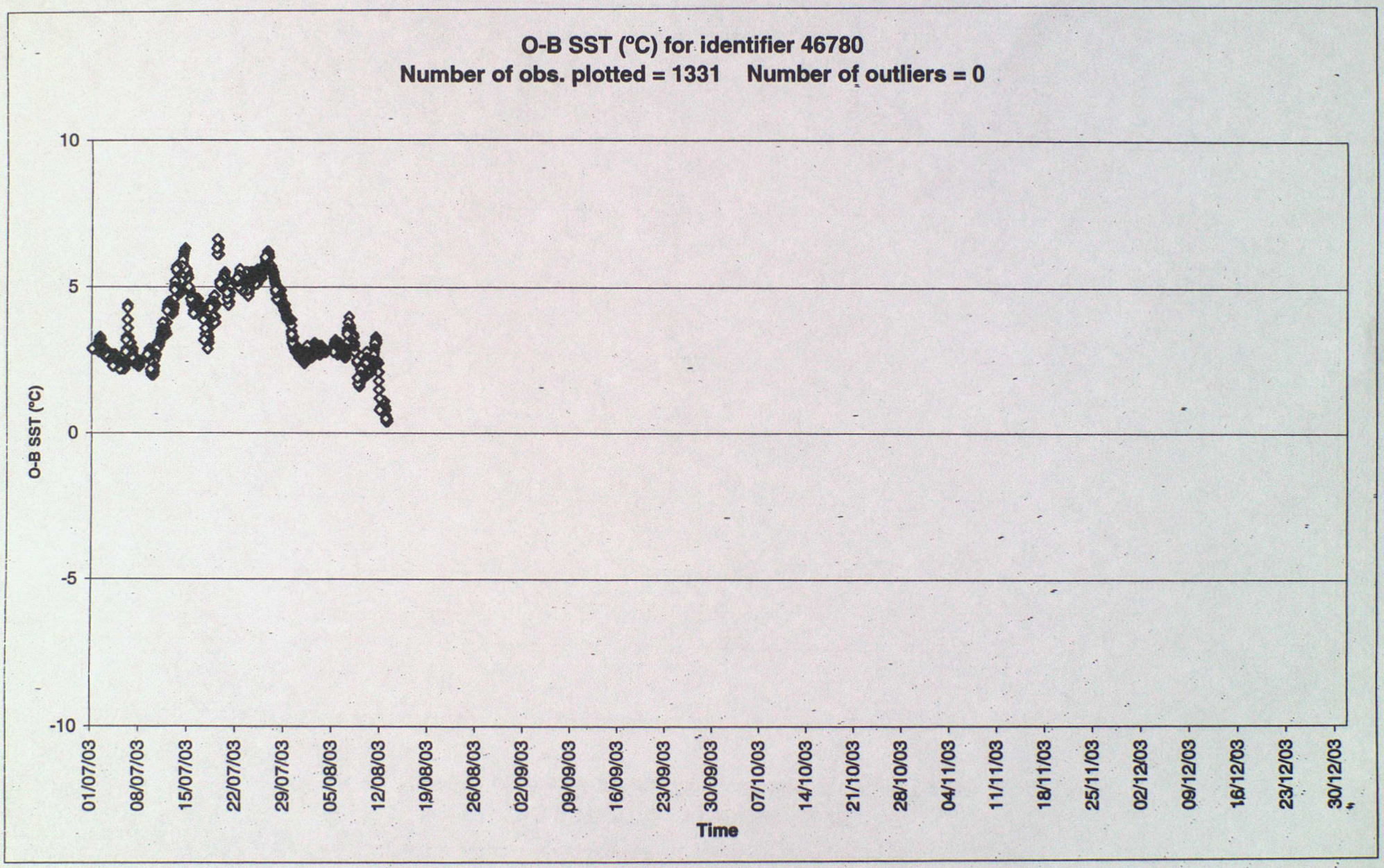

O-B SST (°C) for identifier 46551
Number of obs. plotted = 2783 Number of outliers = 0
O-B SST (°C)
10
5
0
-5
-10
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time

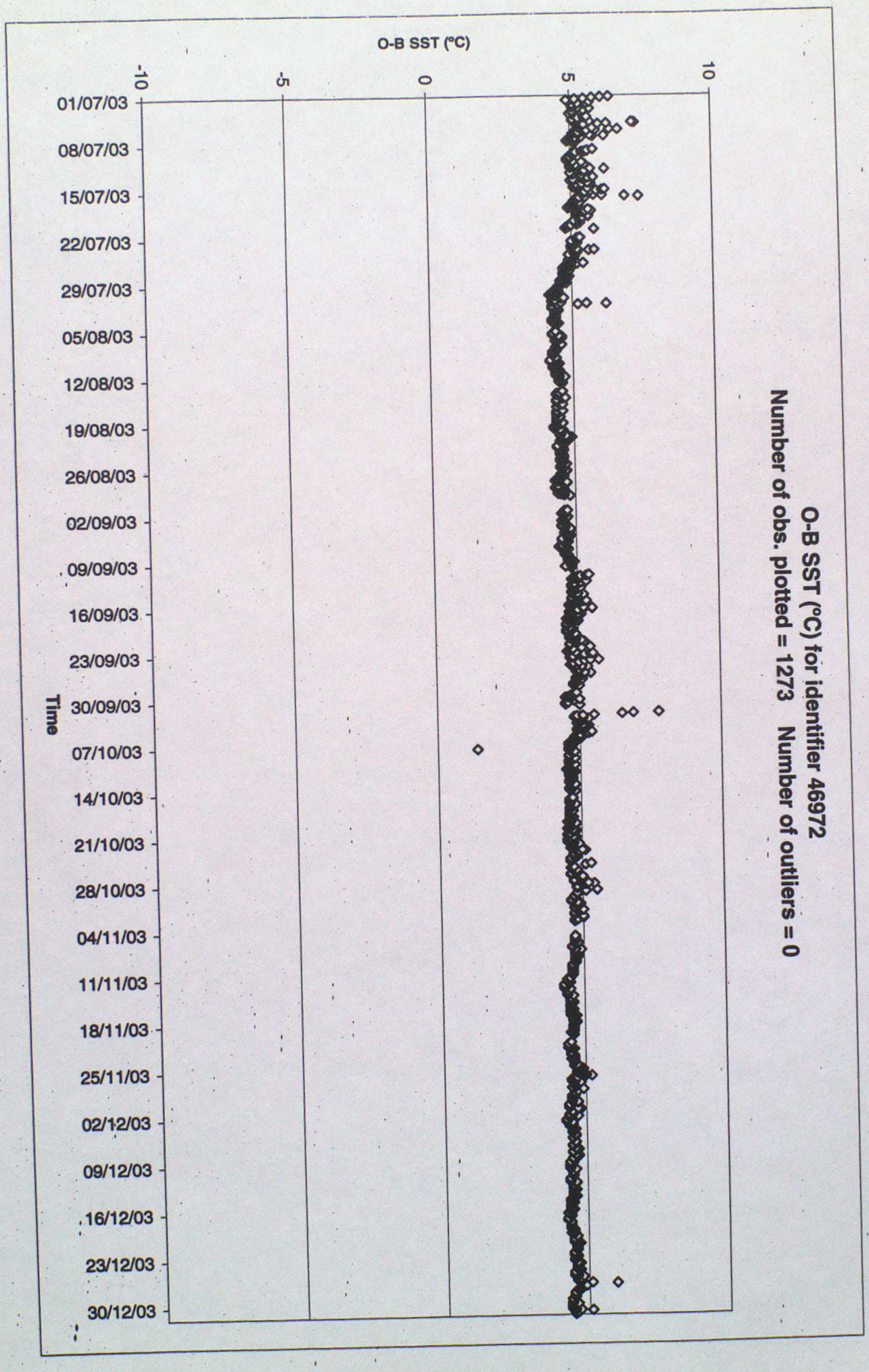
O-B SST (°C) for identifier 46598

Number of obs. plotted = 116 Number of outliers = 0


O-B SST (°C)
-10
-5
0
5
10
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time
O-B SST (°C) for identifier 46626
Number of obs. plotted = 270 Number of outliers = 0


O-B SST (°C) for identifier 46628
Number of obs. plotted = 76 Number of outliers = 0
O-B SST (°C)
-20
-15
-10
-5
0
5
10
15
20
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03


O-B SST (°C) for identifier 46780
Number of obs. plotted = 1331 Number of outliers = 0
O-B SST (°C)
10
5
0
-5
-10
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time


O-B SST (°C)
-10
-5
0
5
10
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time
O-B SST (°C) for identifier 46972
Number of obs. plotted = 1273 Number of outliers = 0

O-B SST (°C) for identifier 51518

Number of obs. plotted = 426 Number of outliers = 0

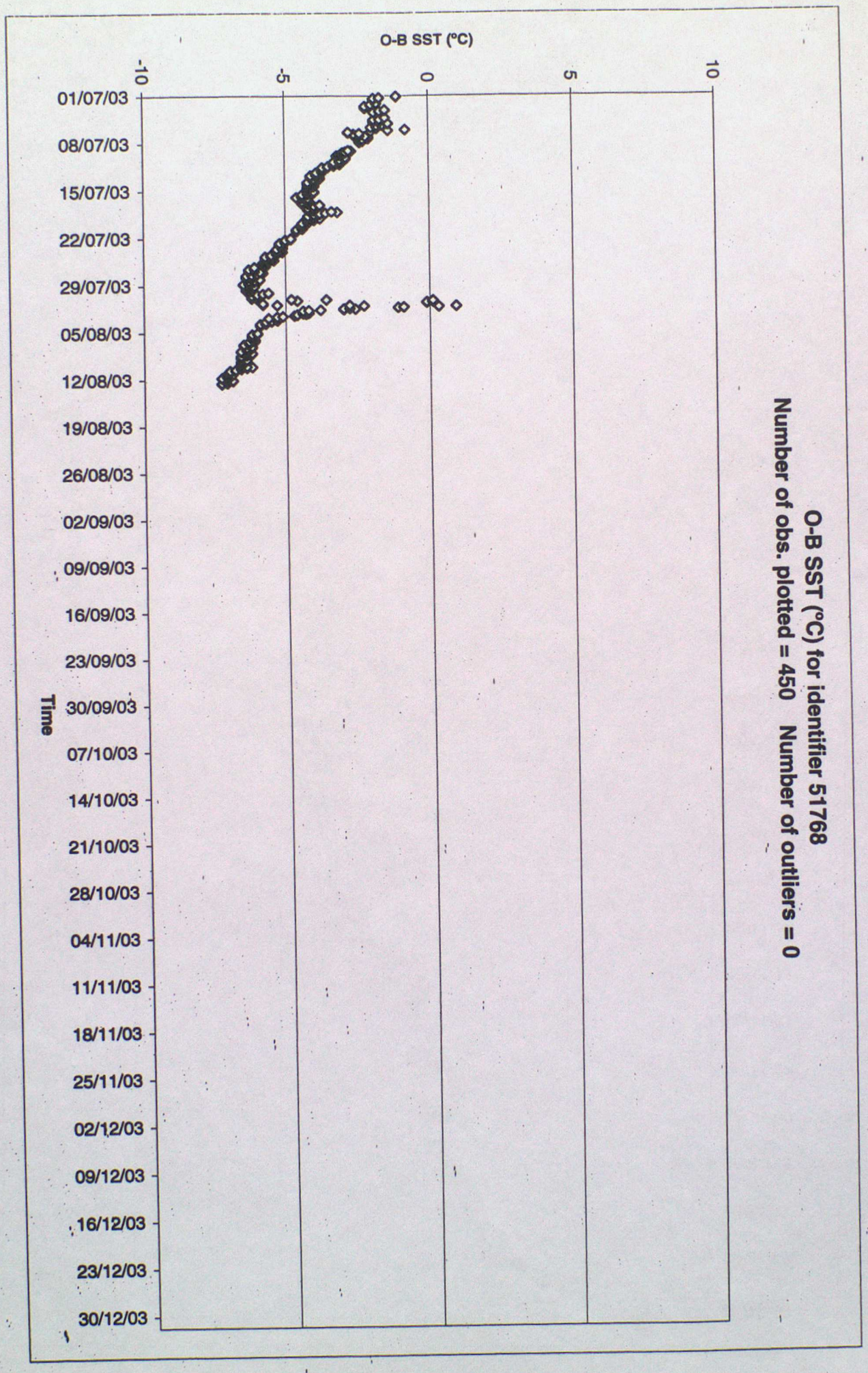
O-B SST (°C) for identifier 51642
Number of obs. plotted = 109 Number of outliers = 0
O-B SST (°C)
-20
-15
-10
-5
0
5
10
15
20
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03

O-B SST (°C) for identifier 51661
Number of obs. plotted = 731 Number of outliers = 0
O-B SST (°C)
-20
-15
-10
-5
0
5
10
15
20
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03

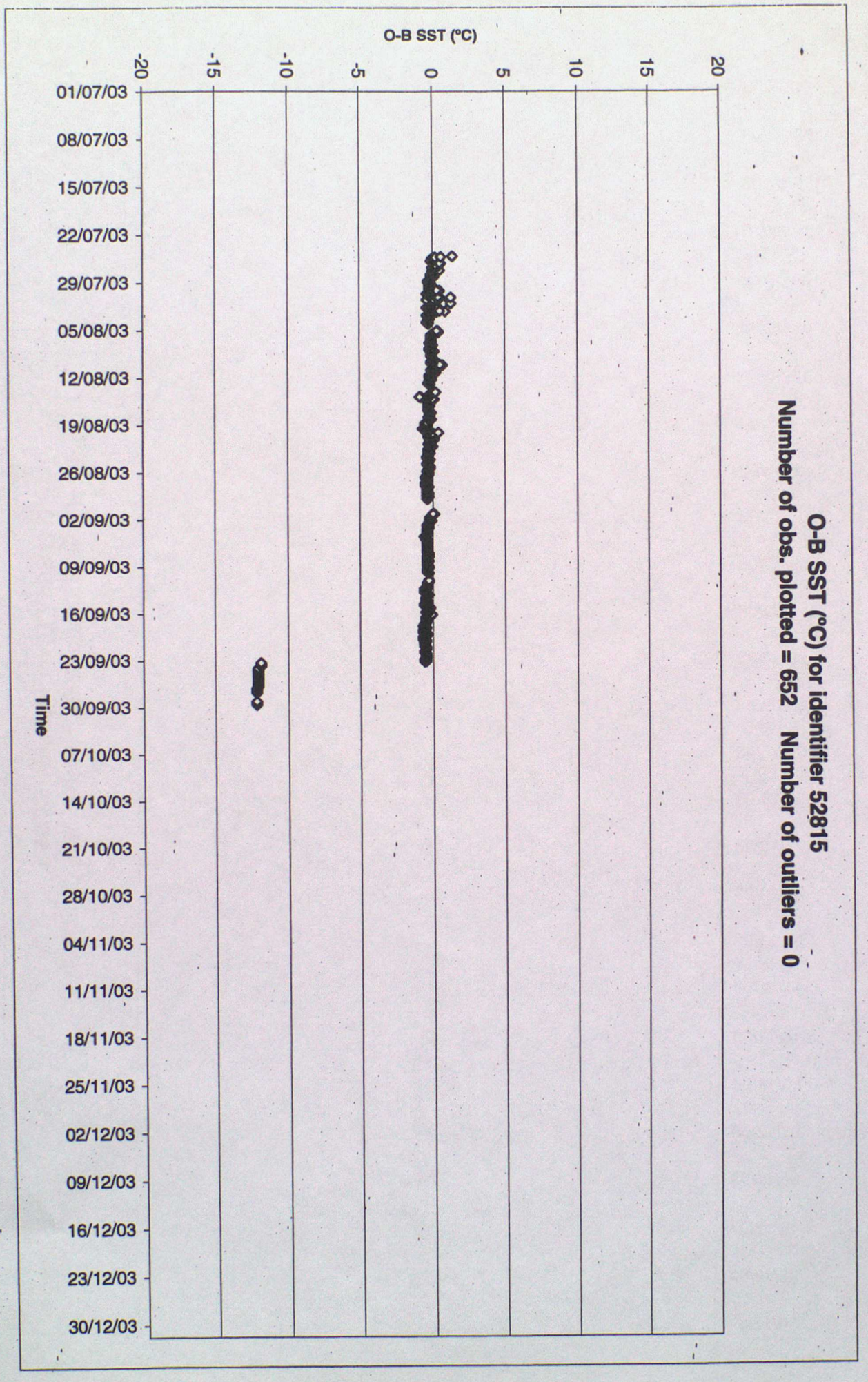
O-B SST (°C) for identifier 51727
Number of obs. plotted = 381 Number of outliers = 0
O-B SST (°C)
-20
-15
-10
-5
0
5
10
15
20
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03

O-B SST (°C) for identifier 51761

Number of obs. plotted = 1380 Number of outliers = 0


O-B SST (°C)
-10
-5
0
5
10
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time
O-B SST (°C) for identifier 51768
Number of obs. plotted = 450 Number of outliers = 0

O-B SST (°C)
-10
-5
0
5
10
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time
O-B SST (°C) for identifier 51769
Number of obs. plotted = 1816 Number of outliers = 0


O-B SST (°C) for identifier 52815
Number of obs. plotted = 652 Number of outliers = 0
O-B SST (°C)
-20
-15
-10
-5
0
5
10
15
20
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03

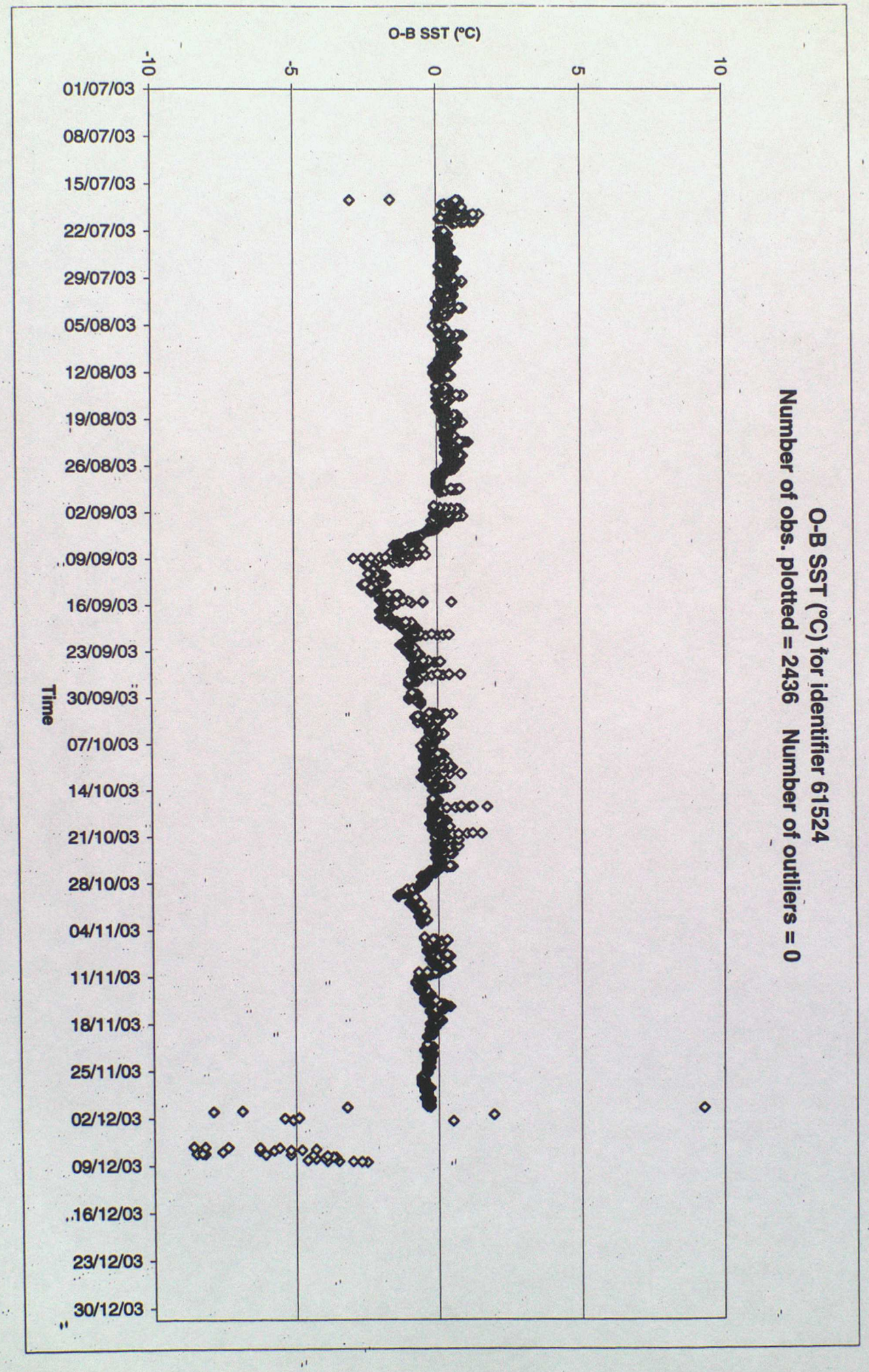
O-B SST (°C)
-10
-5
0
5
10
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
O-B SST (°C) for identifier 53595
Number of obs. plotted = 498 Number of outliers = 9

O-B SST (°C)
-10
-5
0
5
10
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time
O-B SST (°C) for identifier 55582
Number of obs. plotted = 4985 Number of outliers = 2

O-B SST (°C) for identifier 56523

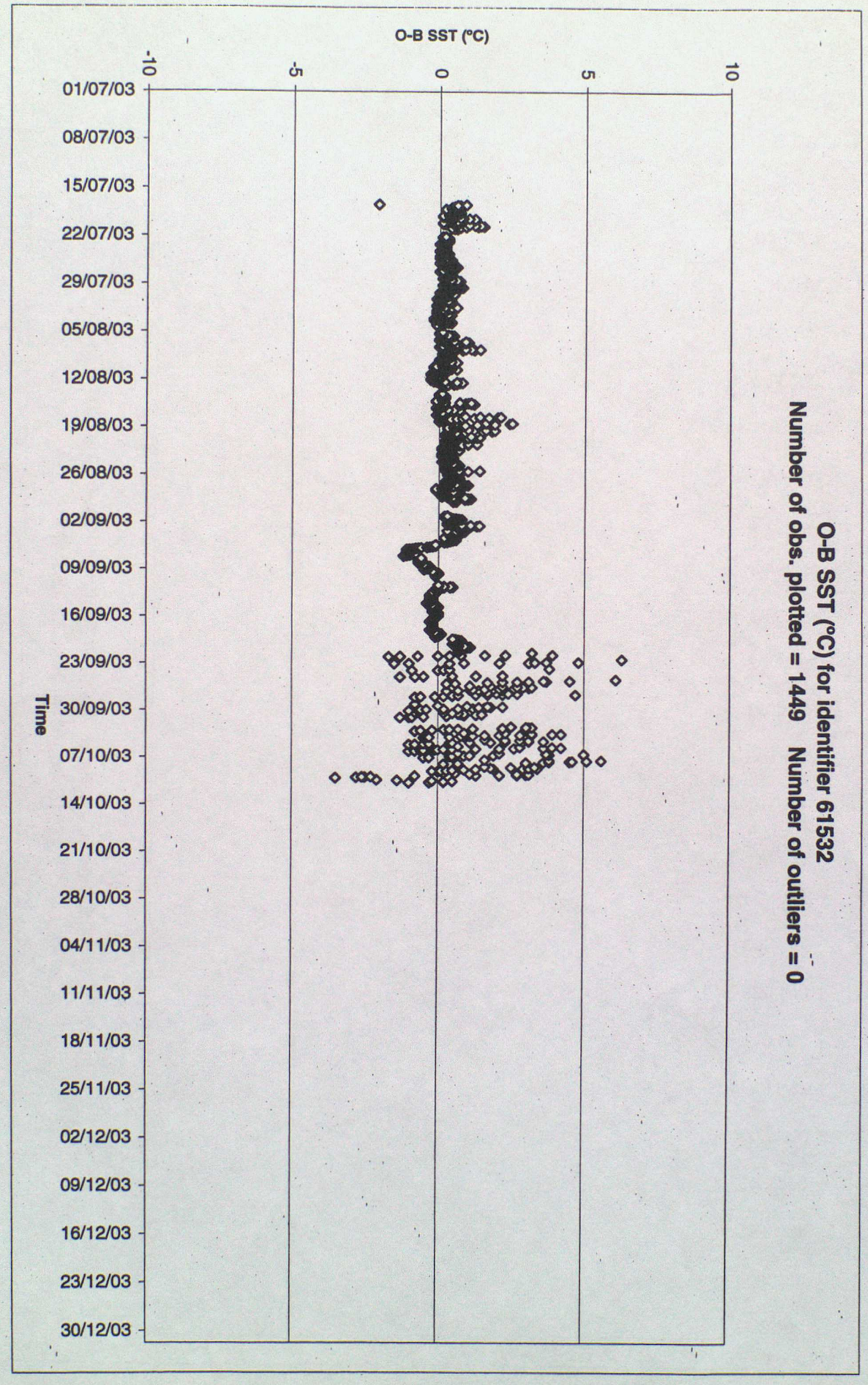
Number of obs. plotted = 1612 Number of outliers = 0

O-B SST (°C) for identifier 56530
Number of obs. plotted = 2895 Number of outliers = 17
O-B SST (°C)
-10
-5
0
5
10
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03

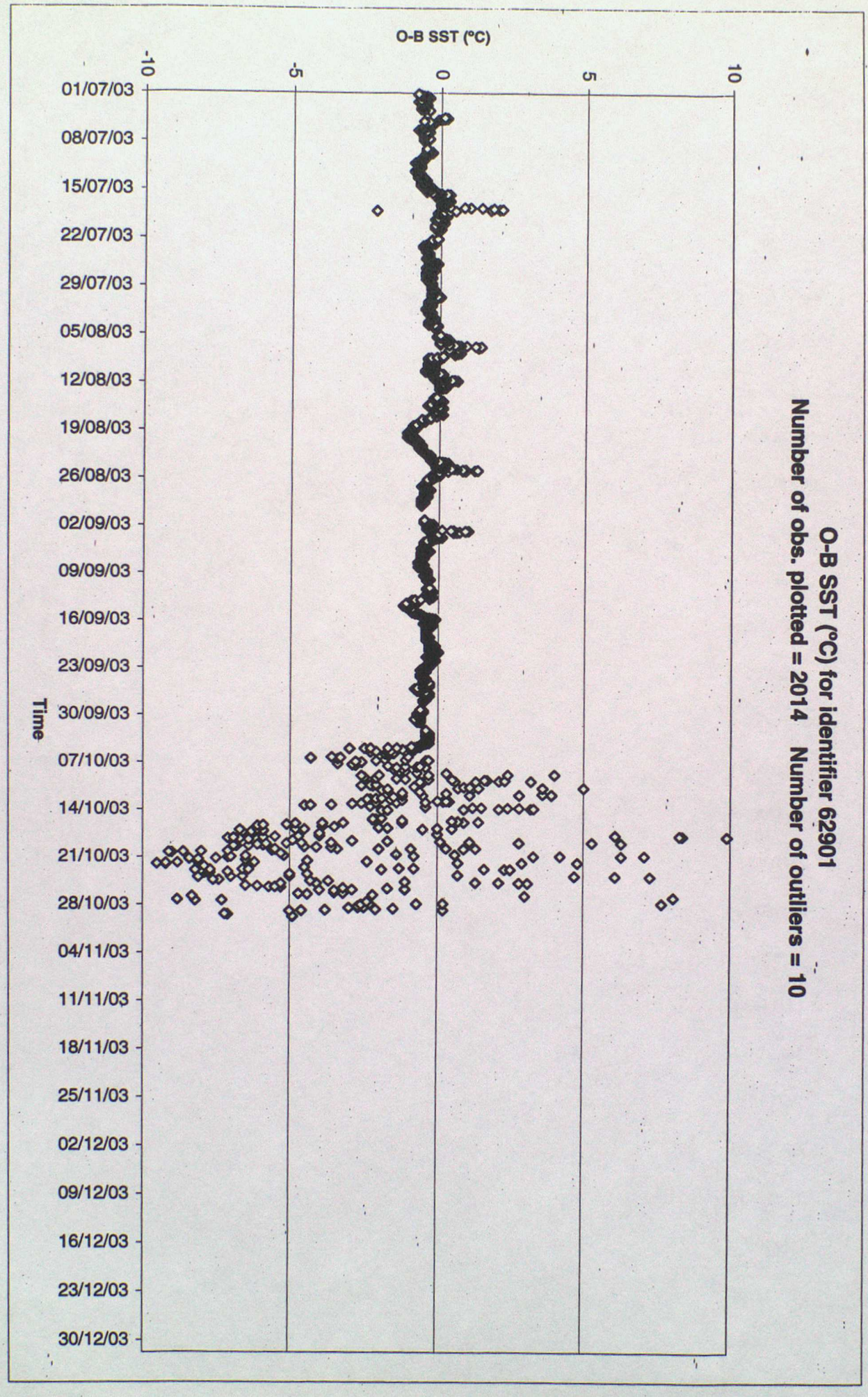

O-B SST (°C)
-10
-5
0
5
10
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time
O-B SST (°C) for identifier 61524
Number of obs. plotted = 2436 Number of outliers = 0

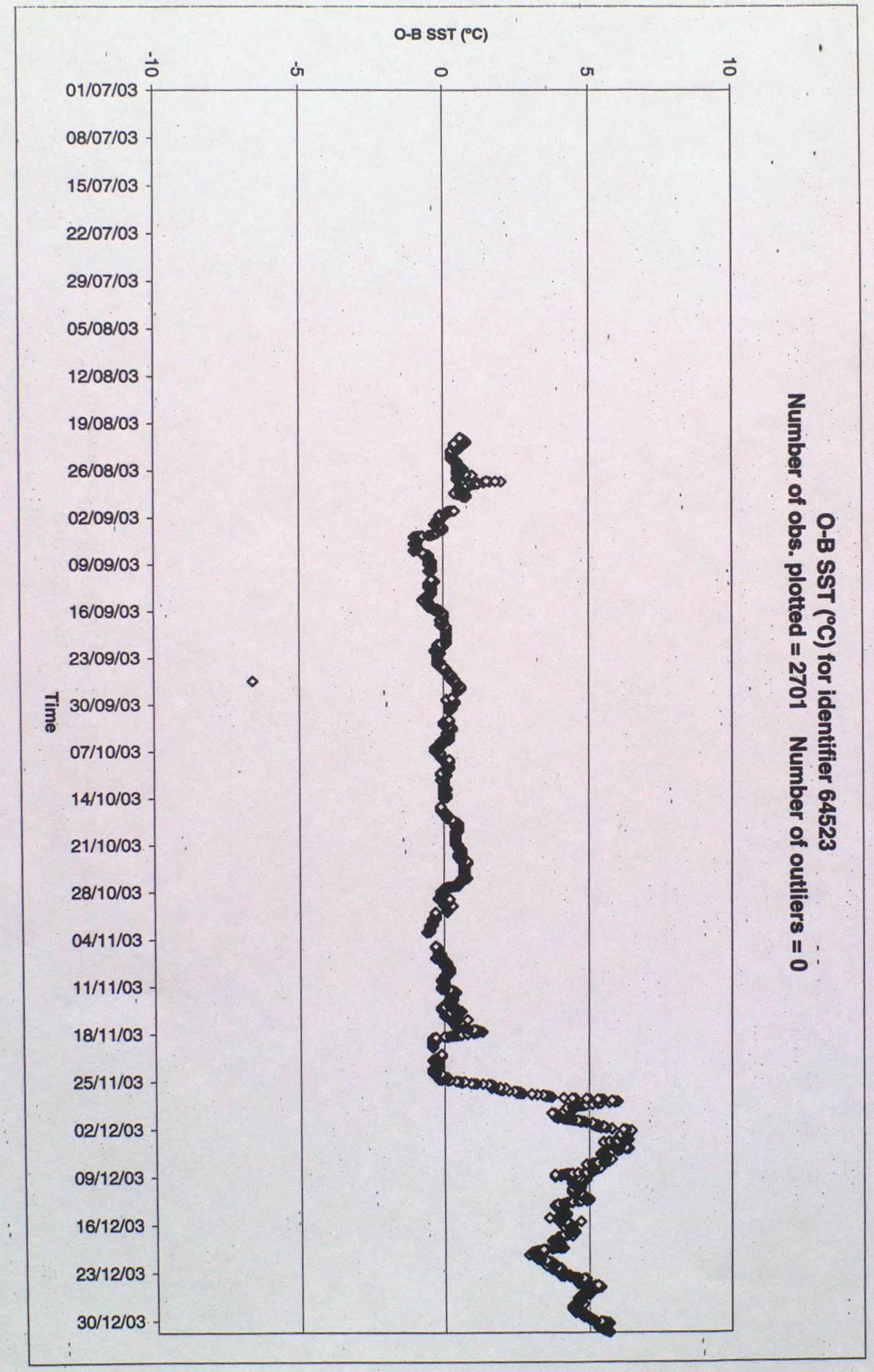
O-B SST (°C) for identifier 61525

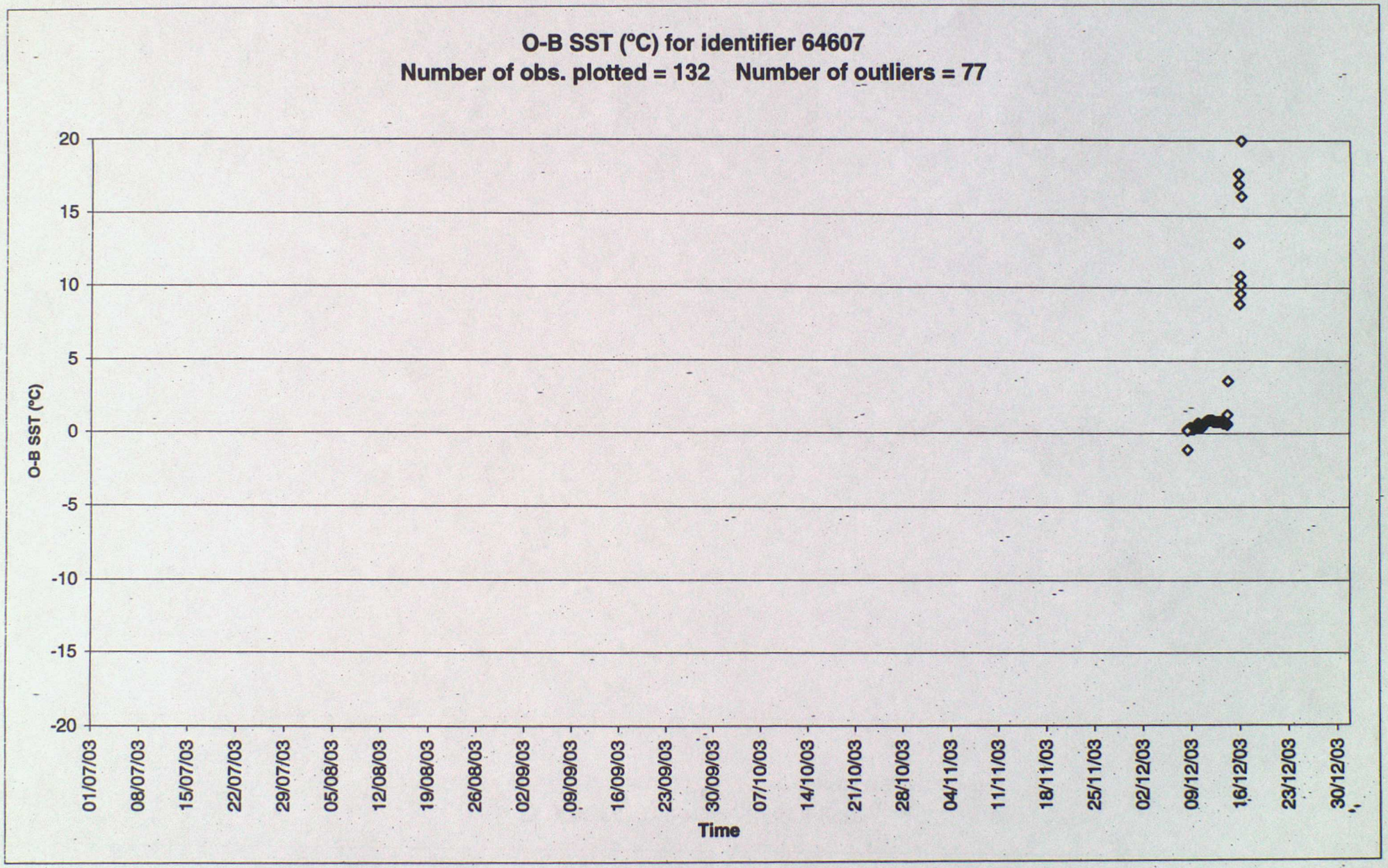
Number of obs. plotted = 2036 Number of outliers = 0

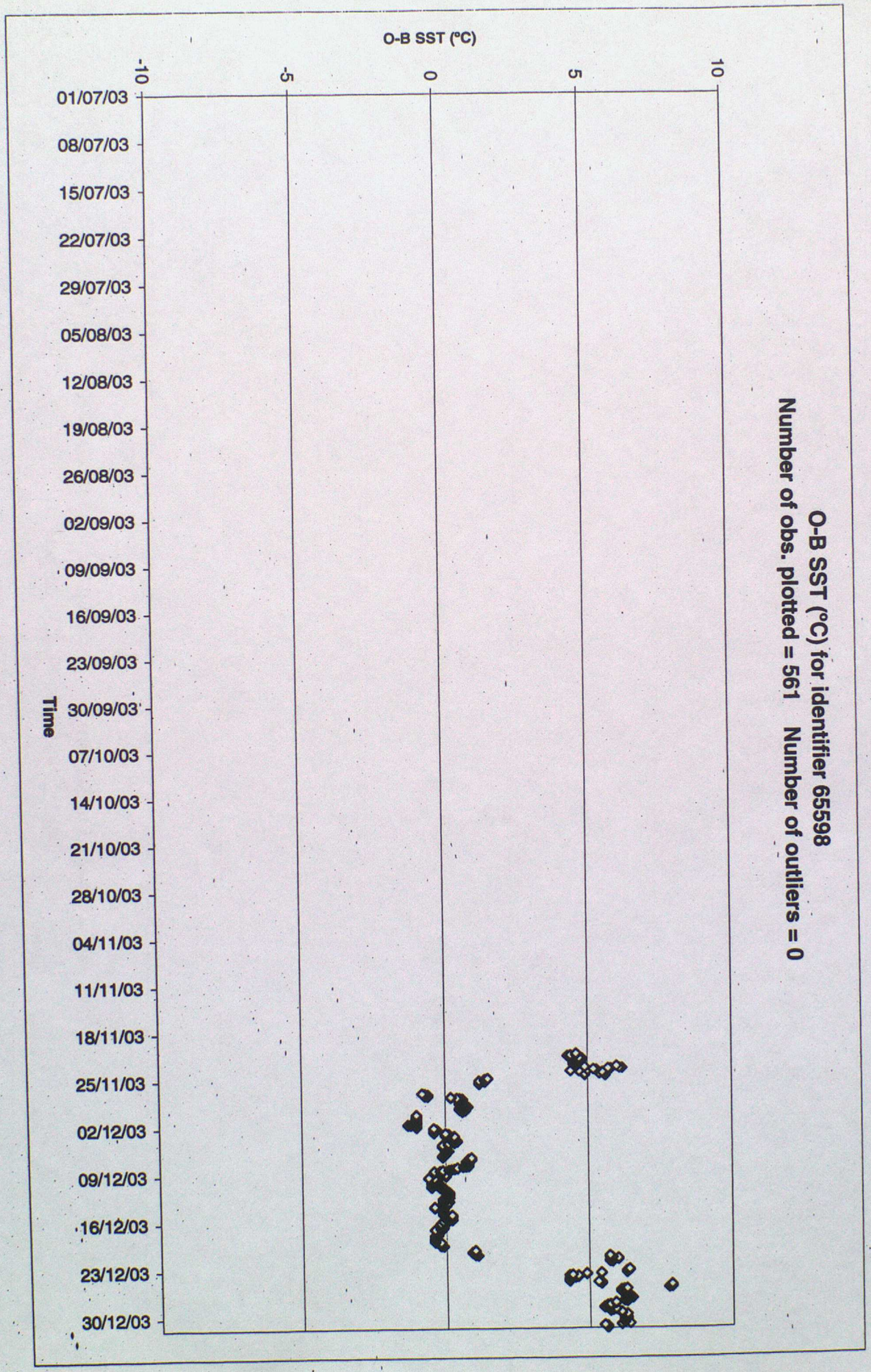

O-B SST (°C)
-10
-5
0
5
10
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time
O-B SST (°C) for identifier 61532
Number of obs. plotted = 1449 Number of outliers = 0

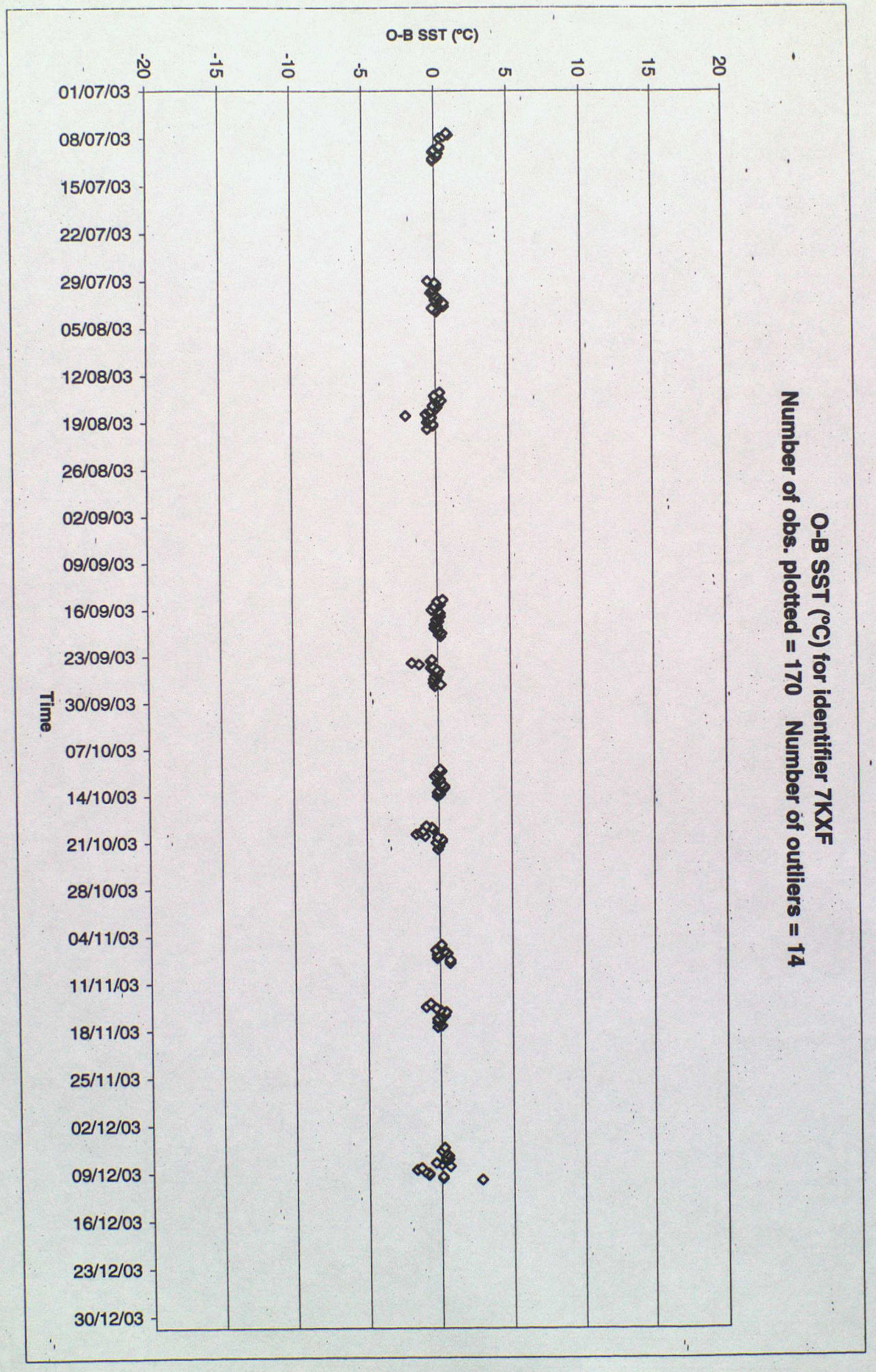
O-B SST (°C)
-10
-5
0
5
10
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time
O-B SST (°C) for identifier 61675
Number of obs. plotted = 979 Number of outliers = 3


O-B SST (°C)
-10
-5
0
5
10
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time
O-B SST (°C) for identifier 62901
Number of obs. plotted = 2014 Number of outliers = 10


O-B SST (°C)
-10
-5
0
5
10
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time
O-B SST (°C) for identifier 64523
Number of obs. plotted = 2701 Number of outliers = 0


O-B SST (°C) for identifier 64607
Number of obs. plotted = 132 Number of outliers = 77
O-B SST (°C)
20
15
10
5
0
-5
-10
-15
-20
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time


O-B SST (°C)
-10
-5
0
5
10
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time
O-B SST (°C) for identifier 65598
Number of obs. plotted = 561 Number of outliers = 0


O-B SST (°C) for identifier 7KXF
Number of obs. plotted = 170 Number of outliers = 14
O-B SST (°C)
-20
-15
-10
-5
0
5
10
15
20
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03

O-B SST (°C)
-10
-5
0
5
10
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
Time
O-B SST (°C) for identifier 73501
Number of obs. plotted = 1750 Number of outliers = 0

O-B SST (°C)
-10
-5
0
5
10
Time
01/07/03
08/07/03
15/07/03
22/07/03
29/07/03
05/08/03
12/08/03
19/08/03
26/08/03
02/09/03
09/09/03
16/09/03
23/09/03
30/09/03
07/10/03
14/10/03
21/10/03
28/10/03
04/11/03
11/11/03
18/11/03
25/11/03
02/12/03
09/12/03
16/12/03
23/12/03
30/12/03
O-B SST (°C) for identifier 9KKS
Number of obs. plotted = 300 Number of outliers = 1